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Spring Catalog

1905

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Department of Agriculture
Washington, D.C.



Springfield Seed
Company

Springfield, Mo.

Seeds,
Plants
and Bulbs

To Our Patrons and the Public:

We are pleased to present you with our Tenth Annual Catalog. We feel that we have been among you and studied your wants in the way of garden, field and flower seed, bulbs, plants, etc., long enough to know what is best adapted for this section of the country, and bring the largest return for your labor. We secure the best strain of seed in the market. We test them in our greenhouses before filling orders, and feel absolutely sure that the seed delivered to you are of good vitality, in fact our seeds must test around the 100 % mark or are rejected. We fully realize that the cost of seed is immaterial, but the main thing is, what will the harvest be. We offer nothing that we cannot recommend, and we recommend nothing without first giving it a thorough trial. On this account our catalog has never dealt very extensively with novelties. For with the best interests of our customers (and their interests are ours) at heart, we have always hesitated to offer anything without feeling that it was as good or superior to well established sorts. We carry a mammoth stock of seeds, in fact, the largest stock in the Southwest. Our mammoth building (see cut of our store building and greenhouses on colored pages) is loaded from cellar to garret with the best strain of seed obtainable, and with the assistance of competent help and a thorough knowledge of our business are able to offer stock that should be an assurance to the most cautious planters of a crop.

It has always been our rule to try to please every customer, no matter how small the purchase, and if at any time there is any dissatisfaction or misunderstanding, we would like for you to tell us your troubles. Be frank for our mutual benefit.

Growers report a great shortage in Red Valentine, Burpee's Stringless Green Pod and all varieties of Wax Beans. Delivery on these Beans will run from 20 to 50 %. We would suggest early orders in garden seed and especially the above named varieties.

We thank our friends for past patronage and assure them that we will always fill their orders with the best strain of tested seed to be had.

Please show this Catalog to your friends, and if you should receive an extra copy, be kind enough to hand it to some neighbor interested in seeds. We will be glad to send a copy free to any of your friends likely to want seeds. An order this season, no matter how small, secures our Catalog for next season.

We are Southwestern agents for A. I. Root's Bee Supplies. You will find description on colored page of this Catalog.

SPECIAL OFFER:

Special offer in Flower and Vegetable Seed in packets and ounces, by mail prepaid.

For 25c select seed in packets and ounces amounting to 30c.

For 50c " " " " " " " 60c.

For \$1.00 " " " " " " " \$1.25.

For \$2.00 " " " " " " " \$2.50.

For Club Order of \$5.00, we offer a premium of \$1.50 in seeds put up in packets or ounces, either Flower or Vegetable.

TERMS:

Terms Cash with order, or C. O. D. at customer's expense. Inasmuch as prices follow description of the various varieties of seed, we would suggest that return charges on C. O. D. order would be an unnecessary expense, but in event that our customers desire them sent in that way, we will be glad to do so.

CHANGE OF ADDRESS.

If you have changed or intend to change your address, please let us know, and we will change it on our books, so that you will receive our Seed Catalog at your new postoffice.

If you have a rural mail delivery be sure to give the name and number of your Route, if necessary, when ordering.

ALWAYS USE THE ORDER BLANK

and envelope sent with the Catalog when possible. Write plainly, keep a copy of your order and be sure to sign your name, postoffice, county and state every time you write to us. Extra envelopes and Order Blanks are sent on application.

OUR PRICES.

In comparing our mail orders, especially on heavy Seeds, such as Peas, Beans and Corn by the quart and the pint and other Seeds by the pound and one-fourth pound, BEAR IN MIND THAT WE PAY THE POSTAGE, unless otherwise noted.

We are issuing a Wholesale Price Card of field and Grass Seeds, Onion Sets, Seed Potatoes, etc. Merchants not receiving our Wholesale Price Card are requested to write for same.

Disclaimer Adopted by the American Seed Trade Association.

Springfield Seed Company gives no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants they send out, and they will not be in any way responsible for the crop.

If the purchaser does not accept the goods on these terms they are at once to be returned.

Springfield Seed Company.

ORDER SHEET.

SPRINGFIELD SEED COMPANY

SEED MERCHANTS

320-322 WEST WALNUT STREET, SPRINGFIELD, MO.

Special Discount on Ounces and Packets

For 50 cents select 60 cents worth. For \$1.00 select \$1.25 worth. For \$2.00 select \$2.50 worth
For \$3.00 select \$3.75 worth. For \$5.00 select \$6.75 worth.

Disclaimer Adopted by American Seed Trade Association

Springfield Seed Company gives no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Please forward the following as per terms of your 1905 Descriptive Catalog to

Date 190

Your Name

Post Office Shipping Depot

County State

Send the Order By

[State here whether to send by MAIL, EXPRESS or FREIGHT, and route to ship by, if any special route is wanted.]

Amount Enclosed.

P. O. Money Order

Check or Draft

Cash

Stamps

REMITTANCES are always safe when sent by **Registered Letter, Post Office Money Order, Express Money Order, or Bank Draft.** Small amounts can be sent in postage stamps, folding same in brown wrapping paper or newspaper to prevent sticking.

SEEDS AND BULBS BY EXPRESS. By special agreement, the express companies will carry Seeds and Bulbs from Springfield to all points at a rate of twenty per cent. less than usual rates.

SEEDS BY MAIL. We pay the postage on all packets, ounces and quarter-pounds; but for larger quantities, when ordered to be sent by mail, postage must be added to remittance, at the rate of 8 cents per pound or 15 cents per quart, except on Onion Sets, postage on which is 10 cents per quart

QUANTITY

NAME OF VARIETY

PRICE

AMOUNT

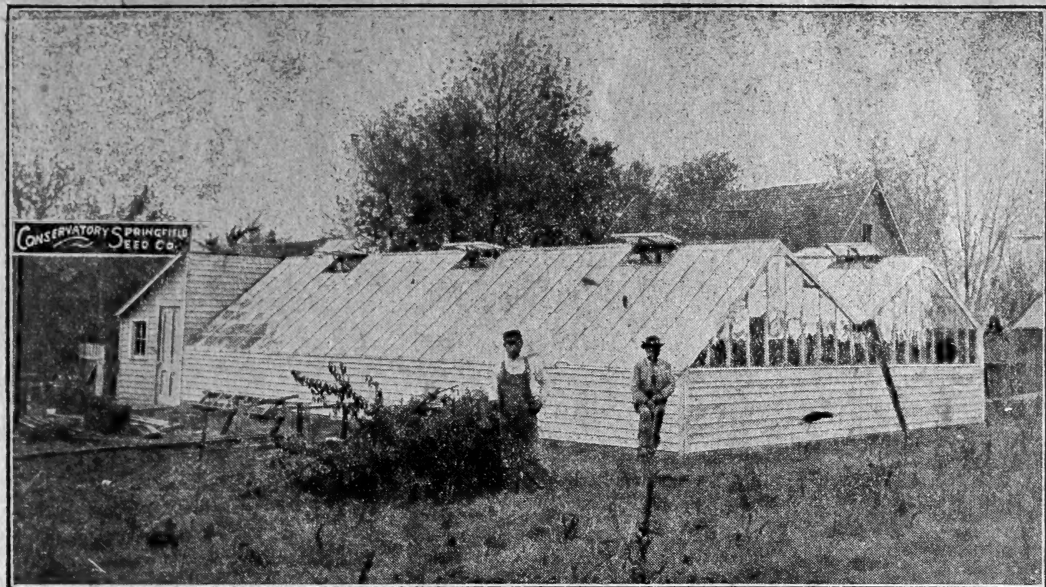
DOLLS.

CTS.

DOLLS.

CTS.

Amount For'd. (Over)



Our Green Houses are amply stocked with a choice selection of Palms, Ferns, Araucarias and a handsome array of growing and flowering plants. We make decorations for weddings, entertainments, openings, etc., a specialty. Always prepared to supply demands for freshly cut flowers, bedding plants, porch and hedge plants, bulbs, etc. Floral designs for funerals prepared on short notice.

SPECIAL OFFER---4 Bedding-Out Collections.

Our May-Day Rose Collection.

We will send you **10** beautiful, ever-blooming **Roses for \$1.00**, prepaid.

The varieties are all different colors and shadings, especially suited to constant flowering all summer. Ten nice healthy plants for \$1.00, prepaid.

Our May-Day Carnation Collection.

10 Grand Carnations, various colors, for **50c**, prepaid.

Beautiful, large flowering sorts, including varieties from our Columbia set. Ten strong plants for 50c, prepaid.

Our May-Day Geranium Collection.

10 Exquisite Geraniums for **50c**, prepaid. In this collection of old-time favorites so much in demand we include some new sorts with heads as large as a Hydrangea. Some of these are scarlet and red ones, singles, doubles and scented.

Our May-Day Coleus Collection.

10 Grand New Coleus for **50c**, prepaid.

All different colorings, including some of the most delightful varicolored combinations introduced last season. Fine for a fancy yard bed. 10 for 50c, prepaid.

All Four Above Collections, If Bought at One Time, for \$1.75, Prepaid.

Salvia, or Scarlet Sage.

2½ to 3 feet high, forming large bushy plants covered with immense flower spikes 12 inches in length of vivid scarlet. Well-started plants. 5c each; 50c doz.

Ageratum Plants.

Stella Gurney (purple), Princess Pauline (light blue and white), Louis Bonnett (pure white). plants 5c each; 50c doz.

Heliotropes.

Madam Bassy (dark violet), Madam Bryant (deep indigo, white eyes), White Lady (light variety). Plants 5c each; 50c doz.

Petunias.

Single and double varieties. For single plants 5c each; 50c doz. Double varieties 10c ea; \$1.00 doz.

Pansies.

Plants from imported seeds. Very large varieties in all colors and shadings. Plants each 5c; doz, 50c.

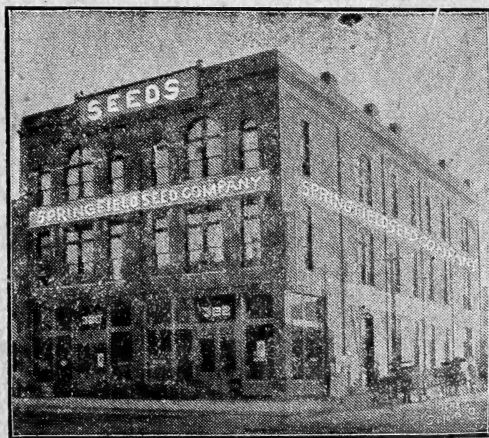
Chinese Asters.

Lovely blue, large bluish purple with yellow center, bright rose colored, pure white, beautiful deep blue, creamy white, etc. Plants 5c each, 25c doz.

Parlor Ivy, Kenilworth Ivy and Wandering Jew for suspended baskets and pedestals. Strong plants 5c each; 50c doz.

Verbenas.

Grand varieties and all colors. Good, healthy plants 5c each; 50c doz.



OUR BUILDING,
320-322 West Walnut St.

Equipped with everything in the way of modern machinery for cleaning and handling seeds. Largest seed house in the Southwest and strictly up-to-date.

THE NEW PIERSONII.

Or Ostrich Plume Fern.

This luxuriant fern is truly one of Nature's most artistic conceptions. The feathery, crested plume fronds of this, the most beautiful fern of them all, most suitably hailed its debut as the "Ostrich Plume Fern." The subdivided pinnae or leaflets constantly growing into lush green colorings, are superimposed on the main fronds of deep, rich green, producing contrasts of color and irregularity that are delightfully effective. It has received the highest award wherever exhibited and is easily the most valuable plant introduced in many years. Of healthy, quick-growing habit and a universal favorite. Our greenhouses are well stocked with strong, healthy plants, but would advise placing your order early.

Plants in 5 inch pots, each.....	\$ 75c
Plants in 6 inch pots, each.....	1.00
Plants in 8 inch pots, each.....	1.50
Plants in 10 inch pots, each.....	2.50



Asparagus Plumosus.

ASPARAGUS SPRENGERI.

A handsome ornament for the living-room or porch. Grows in drooping cluster, so desirable for suspended baskets or buckets, or for pedestals and shelves—a vigorous grower, producing sprays of rare green coloring, varying from 3 to 6 feet in length, an invaluable addition to any collection of plants.

Plants in 4 inch pots, each.....	25c
Plants in 5 inch pots, each.....	35c
Plants in 6 inch pots, each.....	75c

ASPARAGUS PLUMOSUS NANUS

The Pique fine delicacy of texture, bright green coloring and the airy grace of its fronds have proclaimed the Asparagus Plumosus the "Fern of Lace" queen of decorative house and porch plants. Tapering to a point from a width of 12 inches, fronds are from 12 to 36 inches in length.

Plants in 4 inch pots, each.....	\$ 25c
Plants in 5 inch pots, each.....	35c
Plants in 6 inch pots, each.....	50c
Plants in 8 inch pots, each.....	1.00

ARAUCARIA EXCELSA.

Also called "Norfolk Island Pine" and "Star Palm." It has dark green, feathery foliage, arranged in graceful whorls rising symmetrically one above the other, one whorl for each year. As a decorative plant for the house it is a rare novelty that is attracting much favorable comment.

Plants in 5 inch pots, each.....	\$1.25
Plants in 6 inch pots, each.....	1.50



Flower Pots.

BOSTON FERNS.

Thrive anywhere. Fronds often 6 feet in length, a 4 inch pot plant sometimes increasing to 10 inch in a year, containing from 25 to 40 fronds. A wonderfully graceful house plant always in good demand. Plants are always delivered fresh from our green houses in healthy condition. Plants in 4 inch pots, each..... .25
Plants in 6 inch pots, each..... .50
Plants in 8 inch pots, each..... \$1.00
Sword Ferns same prices.

SIZE	EACH
1½ inch.....	\$.01
2 inch.....	.02
3 inch.....	.02½
3½ inch.....	.03
4 inch.....	.03½
5 inch.....	.05
6 inch.....	.08
7 inch.....	.10
8 inch.....	.15
9 inch.....	.20
10 inch.....	.25
12 inch.....	.50
14 inch.....	.90
15 inch.....	1.15
18 inch.....	1.40

PALMS.

The Kentia, Lantania and Phoenix are the most popular varieties owing to their hardy and rugged nature and beautiful foliage. The Kentia is popular for parlor decoration. Lantania has broad, fan-shaped leaves and Phoenix dark green feathery foliage, especially valuable for outdoor decoration.

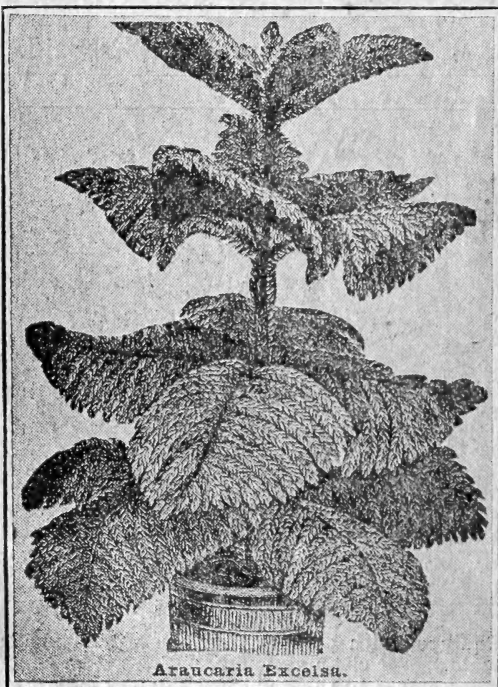
Small size plants, 50c each; medium size plants, \$1.00 each; large size plants, \$2.50 each.

Clay Hanging Baskets.

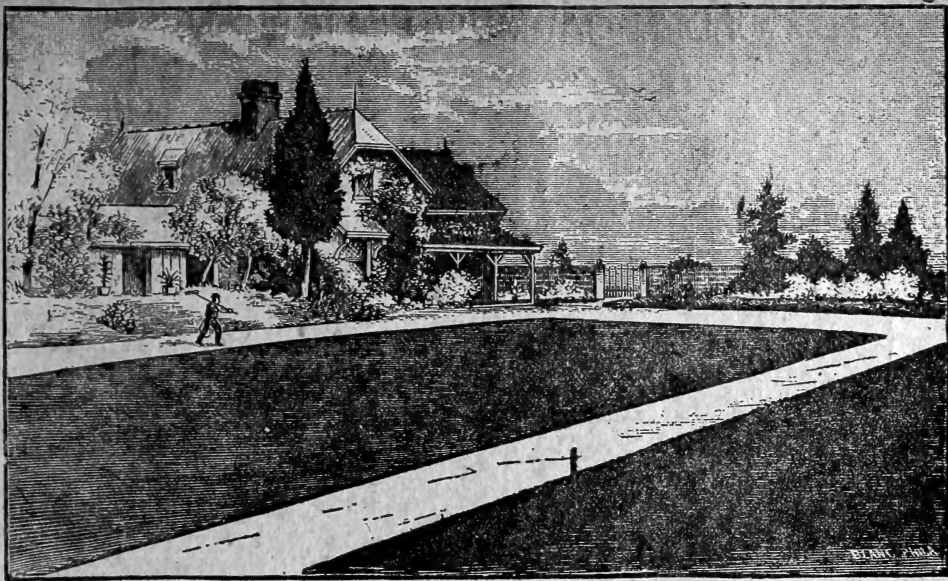
SIZE	EACH
8 inch.....	\$.20
10 inch.....	.25
12 inch.....	.30

Wire Hanging Baskets.

SIZE	EACH
8 inch.....	\$.25
9 inch.....	.30
10 inch.....	.35
12 inch.....	.40



Araucaria Excelsa.



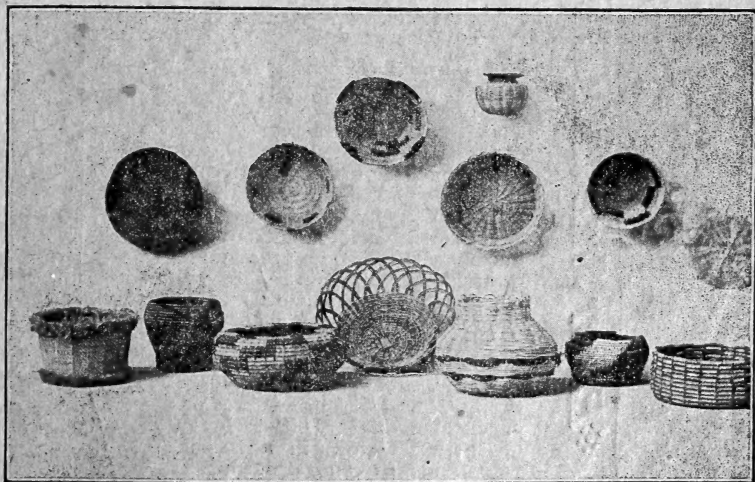
SPRINGFIELD SEED COMPANY'S SIX WEEKS LAWN GRASS.

Good Lawn Grass must withstand all extremes of climate, endure heavy tramping and extreme drouth, remain green the year round and should cover a lawn with velvety green in from four to six weeks from the time of planting. Of our native grasses there is no single variety that flourishes the year around, not even the world-famed Kentucky Blue Grass, but we have as many good varieties as there are months in each year. A mixture of these hardy resembling grasses, of which some are especially adapted to early spring, others that thrive during the hot summer and those that mature in the fall and winter months, insures a green lawn for all seasons, and where so many different seeds are sown a failure is impossible. The transposition of plant-producing properties from both soil and atmosphere is accomplished by blending those grasses that derive nourishment from the air and transmit it to the soil with grasses that obtain their nourishment from the soil and transmit it to the atmosphere, a mixture most conducive to the healthy growth of a lawn. Springfield is known as the "Queen of the Ozarks," the most beautiful residence city in Missouri because of its velvet-green lawns. We have testimonials from so many resident growers of these beautiful lawns that space would be inadequate to publish them. Last spring the lawns were perfect in four weeks from time of sowing, and we are within our bounds when we say Springfield Seed Co.'s Six Weeks Lawn Grass. Pound, 35c., postpaid; by freight or express, lb., 25c., per bushel of 20 pounds, \$3.50.

RAFFIA WEAVING AND BASKET MAKING.

The latest novelty in art needlework. Interesting, pleasant, profitable. Easily learned. No end to the useful and beautiful things that are made with Raffia. For many years Raffia has been known and used because of its toughness, for bunching vegetables, tying up plants, etc. It is now also used in large quantities in public and private schools for making baskets and other articles, because of its educational value to teach form and applied design and to develop the creative power of the child. Raffia weaving is easily learned and is a very interesting pastime. It requires no special tools. Any one may become expert in Raffia weaving in a short time. Raffia needles, 2 for 5c.

Raffia is cheaper than cotton, wool and linen as a material for designs upon fabrics. A ten or twelve year old child may readily sketch on a piece of burlap or other loose woven goods a design of his own for Sofa Pillows, Table Covers, Mats, Rugs, etc. We have all colors. Natural Raffia, per lb., 35c. Colored Raffia, per lb., 75c. Per bunch, 15c, postpaid. Large Tube Rope is well suited for intermediate grades as a foundation for making Raffia Baskets, per lb., 25c, postpaid. More advanced work in Baskets may be produced by sewing Raffia over Reed. This is especially interesting for adults. Reed is also used alone in Basket making. We have sizes from No. 1 to No. 5, both inclusive. Per bundle, 25c, postpaid.



Raffia and Reed Baskets made by Pupils of Weaver School, Springfield, Mo.,
Under Instruction of Miss Chance.

LESSONS ON BASKET MAKING.

Lessons by Miss Alena A. Chance at our store Saturdays from 9 a. m. to 5 p. m. on Basket Making in various forms, fancy knot work, sofa pillows, portieres and ropes, rugs, whittling sloyd, clay moulding, pyrography, Indian and Greek forms of pottery. Single lesson, 50c; four lessons for \$1.00.

GOLDEN CARMINE POLE BEAN.

A New Strain of Horticultural Pole of Sterling Merit.

Excels in Earliness, Quality, Handsome Appearance and Productiveness.

In this new strain we have a wonderfully robust grower, a week to ten days earlier than Worcester Horticultural Pole. In comparison, the pods are equally as large, stringless, bright golden color when very young. As the pods approach full size, they are mottled and streaked with an unusually bright carmine color on the bright golden, which gives the pods (when ready for market) a strikingly beautiful and attractive appearance. This, together with its productiveness, will make it the most desirable strain of this well known and popular bean. Pt., 35c; qt., 60c; gal., \$2.25; pk., \$4.00.

WHITE SICKLE BEAN.

This is a remarkably good, green-podded snap pole bean, whose pods are produced in large clusters or handfuls. Shape long, 6 to 8 inches, semi-round; very tender and produced in wonderful profusion. The seed is pure white, will produce twice as many string beans from the same ground as any bush kind. Beans can be shelled for dry beans. Specially adapted to growing on corn, thus economizing space on valuable land or where poles are scarce. Postpaid; Pkt, 10c; ½ pt. 20c; pt, 35c; qt, 60c. By Express, not paid—qt, 40c; 2 qts, 75c; 4 qts, \$1.25.

STRIPED CREASEBACK POLE BEAN.

This Bean should not be confused with white Creaseback as it is a separate and distinct type. The most productive and best early green podded Pole Bean on the market. Pods are perfectly round, deeply creased or saddle backed and grow 5 to 6 inches in length. They are very fleshy, absolutely stringless, and of finest quality. Seed brown with black stripes. Excellent for winter use. Pkt, 10c; ½ pt, 20c; pt, 35c; qt, 60c; postpaid.

SPRINGFIELD SEED COMPANY'S SPECKLED WONDER.

The Greatest Pole Bean Ever Introduced.

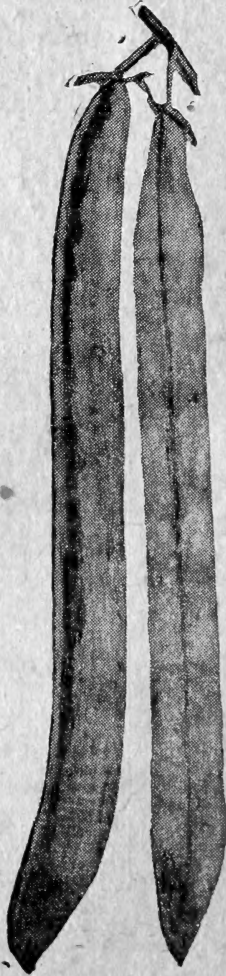
Every one knows the merits of the Kentucky Wonder or Old Homestead Pole Bean. It is a grand old variety, but the Speckled Wonder we are introducing has many superior qualities. The pod is green, round and long, somewhat resembles the Kentucky Wonder. Is fully as large and more prolific. Commences to bear when scarcely higher than the average bush variety, and produces continually until killed by frost. It is a vigorous grower, in fact, one plant will cover a pole with a mass of vines densely loaded with luscious beans from bottom to top, and the pods are so fleshy that they are frequently greater in width than in breadth. It is meaty to the extreme, stringless, and when cooked deliciously rich. Pods should be gathered as they mature. The beans are brindle in color when dry. Pkt, 15c; pt, 50c; qt, 90c, postpaid.

OCTOBER BEANS.

This grand old variety almost became extinct several years ago owing to two successive droughts and since that time we have sent all we could secure to our Northern growers every year, until we have a few to offer for season of 1905, but only a limited supply. This is exclusively a Missouri variety, introduced by our old settlers and a great many of our friends will again realize visions of good old-fashioned pork and beans. The plant is a thrifty pole or corn-field variety, bearing in large profusion. Pods round, long and succulent, beans very large, white thinly spotted with brown in color, of excellent flavor, either green or shelled. Grows in any soil, withstands extreme drouth, and is very rarely effected by rust. Price, pkt, 10c; pt, 30c; qt, 50c, postpaid.



EXACT SIZE GOLDEN CARMINE

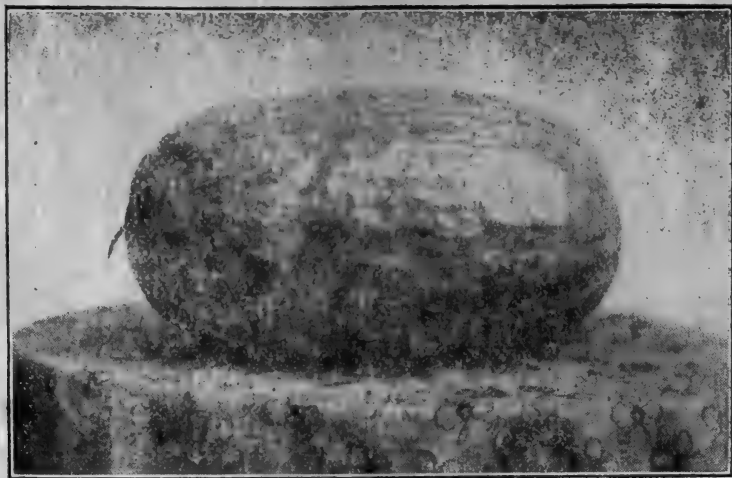


Speckled Wonder.



Striped Creaseback.

SNOW BOUND—The Premier of all Watermelons.



Snow Bound.

Too much cannot be said of the merits of this grand new sort, for market and home purposes. Its vine is of strong, vigorous growth, and sets fruit freely. Its skin is light green or gray and resembles Sweet-heart, but is somewhat lighter in color and more oblong in shape. Seed white. Flesh is bright red. Exceedingly sweet and tender. Excellent flavor, and absolutely stringless. Good keeper. In size it is large to mammoth, and presents a fine appearance on the market as well as the dining table. This is not an enlarged imagination. Give it a trial and be convinced. Seed direct from the originator. Pkt., 10c; oz., 15c.; $\frac{1}{4}$ lb., 50c; 1b, \$1.50, postpaid.

Grapes, Concord—Black, early; decidedly the most popular grape in America, and deservedly so; bunch and berries large; hardy, healthy and productive. 2 year vines, each, 15c; 50 for \$3.00; 100 for \$5.00.

Gooseberries, Downing's Seedling—One of the best American varieties; large, greenish, productive; fine; free from mildew; planted more largely than any other variety; 2 years. Each, 20c; per 10, \$1.50; per 100, \$9.00.

Houghton—Hardy; entirely free from mildew; well known sort; color pale red; sweet, tender, good; enormously productive; 2 years. Each, 20c; per 10, \$1.50; per 100, \$9.00.

Pearl—Very prolific; has been tested and ranks among the best in vigor of growth, freedom from mildew and productiveness; same color as Downing, fruit rather larger and just as prolific; 2 years. Each, 20c; per 10, \$1.50; per 100, \$9.00.

Red Jacket—(Josselyn.) Has no rival; an American seedling of large size; prolific and hardy; a success everywhere; entirely free from mildew both in leaf and fruit; a wonderful bearer; strong grower; two years. Each, 25c; per 10, \$2.00; per 100, \$10.00.

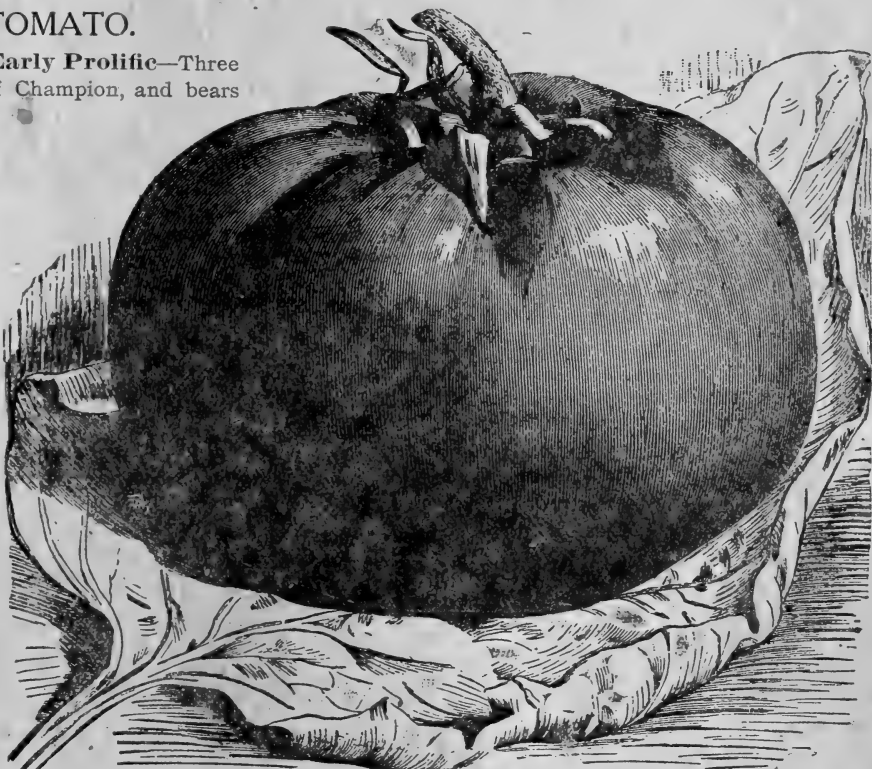
Currants, Black Naples—Fruit large and productive; the best black currant.

Cherry—Largest; magnificent red; very vigorous and productive.

Fay's Prolific—Well-known; a great bearer; quality first-class; considered by some the best red. Price, 2 years, first-class, each, 15c; per doz., \$1.00; per 100, \$5.00.

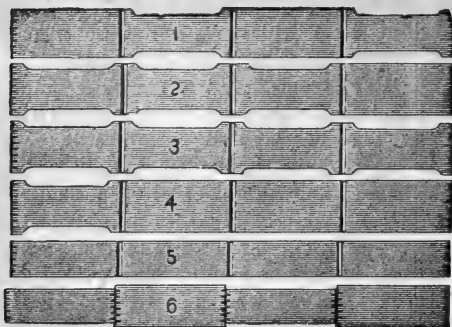
A NEW TOMATO.

Wiseman's Extra Early Prolific—Three weeks earlier than Dwarf Champion, and bears until frost. It resembles the Beauty in color, and is fully as large as the Stone. It is a robust grower, with very firm flesh and perfect form. Almost seedless, never cracks, and flavor superb. We visited the fields of the originator of this magnificent tomato last season and saw the vines burdened with very fine large, luscious fruits and contracted the entire crop of seed. We know that this Tomato is all that Mr. Wiseman claims for it, and urge our patrons to give it at least a small place in their gardens. Pkt., 15c; 2 pkts, 25c; $\frac{1}{2}$ oz, 30c; oz, 50c; $\frac{1}{4}$ lb, \$1.50, postpaid.



Wiseman's Extra Early Prolific.

BEE KEEPERS' SUPPLIES.



Sections.

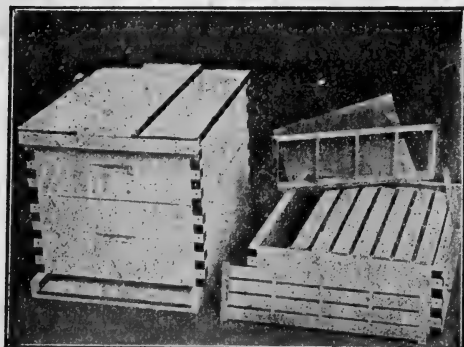
PRICE LIST OF CLARK COLD-BLAST SMOKERS.

Each, 55c.; 3 for \$1.50. Postage 20c. each extra.

TABLE OF PRICES OF CORNEIL SMOKERS.

Jumbo Corneil, 4 inch. \$1.25 each; 3, \$3.45; postage, 30c.
Standard Corneil, 3½ inch, 85c each; 3, \$2.25; postage, 25c.
Junior Corneil, 2½ inch, 65c each; 3, \$1.80; postage 20c.
Jumbo and Standard in brass, 25c extra.

We also have this season the new Danzenbaker Smoker, "The Twentieth Century." Unlike the ordinary Smoker it has a perpendicular grate dividing the blast, making a combination hot and cold blast. The inside of stove is lined with asbestos, protected by an extra inner cylinder of sheet metal. Price, \$1.00. 3 for \$2.70. By mail, 25c each extra.



Danzenbaker Hive.

ALLEY'S QUEEN AND DRONE TRAP.

Price 50c; 10 for \$4.00; by mail, 15c each extra.

This trap embodies all latest improvements, and leaves but little to be desired. Directions for use are attached to each trap.

It is designed to automatically catch and cage the drones in an apartment by themselves. They can then be carried to another apiary, or be destroyed as circumstances require. The trap will also catch the queen when a swarm issues, and hold her confined until the apiarist can give her his attention. As she can not get away, the bees will in all likelihood return into the hive.



Bingham Uncapping Knife.

NITRO-CULTURE, The Vest Pocket Fertilizer.

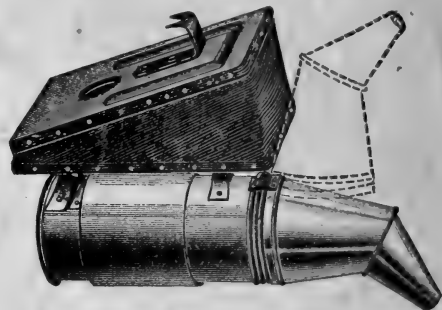
Nitro-Culture is a germ sold in dry packages, like a yeast cake. Dissolve in water as per instructions that come in each package. When the seed is sprinkled with the solution before planting, the germs multiply in the soil very rapidly and cause nodules to form on the roots of the plants. These nodules collect the nitrogen out of the air and feed the plant roots. You can more than double your crop the first year on Clover, Alfalfa, Beans, Peas, Vetch, etc. \$2.00 will buy sufficient Nitro-Culture to inoculate any kind of seed for an acre of ground. Guaranteed to keep one year from date of shipment. Write us for special description and we will be glad to go more into detail with you on Nitro-Culture.

We carry all sizes of sections. The kind commonly used are No. 1, with two bee-ways and No. 5. 4¼ x 4¼ plain sections.

Other sizes are the No. 2, 3 bee-ways; No. 3, four bee-ways; No. 4, one bee-way; No. 6, Dovetailed all around.

PRICES.

No. 1, per 100.....	\$.75
No. 1, per 250.....	1.50
No. 1, per 500.....	2.50
No. 1, per 1000.....	5.00
No. 1, per 2000.....	9.75
No. 1, per 3000.....	14.25
No. 1, per 4000.....	18.50
No. 1, per 5000.....	22.50
No. 5, 25c per 1000 less.	
2nd Grade Sections, 50c per 1000 less.	



Bingham Smoker.

PRICE LIST OF BINGHAM SMOKERS.

Smoke Engine, 4 inch, each, \$1.25, postage, 25c; 3, \$3.45. Doctor, 3½ inch, each, 85c, postage 25c; 3, \$2.40. Conqueror, 3 inch, each, 75c, postage, 25c; 3, \$1.95. Large, 2½ inch, each, 65c, postage 25c; 3, \$1.95. Little Wonder, 2 inch, each, 50c, postage 15c; 3, \$1.35.

The smoke engine is also made in extra heavy brass for \$1.75; postage 25c. extra.

We are Southwestern agents for the celebrated A. I. Root Bee Hives and supplies. We handle these goods in car lots, and can make a price as cheap as the factory, in fact, cheaper, as we save you the difference in the freight. We would be pleased to have any one interested write us for special Catalog of Bee Keepers' Supplies.

For information pertaining to Bees and Bee Supplies, address us or E. L. Kline, Secretary Springfield and Southwestern Bee Ass'n, Springfield, Mo.

Table of Prices of Comb Foundation.

When you order be sure to tell what grade you want, and give price.

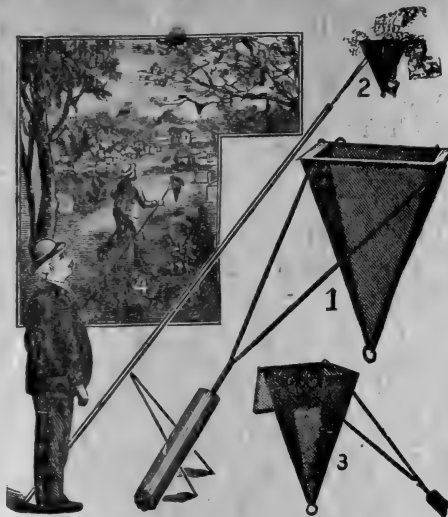
GRADE	Size, and sheets per lb.	In lots of				
		1 lb	5	10	25	50
Medium Brood	7¼x16½ 7 to 8	58	55	53	51	50
Light Brood	7¼x16½ 9 to 10	60	57	55	53	52
Thin Super	3¾x15½ 28	65	62	60	58	57
Extra Thin	3¾x15½ 32	70	65	63	61	60

SUPPLIES.

We carry a most complete line of Bee supplies, such as Hoffman Brood Frames, Shallow Extracting Frames, Plain and Bee-way Sections, Bottom Boards, Covers of all kinds, Empty Hive Bodies, Empty Supers, Uncapping Knife, Extracting Can, Honey Press, Paint, Swarm Catchers, Comb Buckets, Smokers, Veils, Honey Boards, Entrance Guards, Hill's Device for Wintering Bees, Foundation Comb, Nails, Section Holders, Division Boards, Separators, Bee Brushes, Fences, Gloves and Feeders.

BEE KEEPERS' SUPPLIES.

MANUM'S SWARM CATCHER.



Manum's Swarm Catcher.

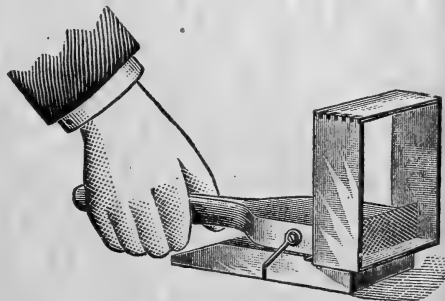
We have examined and tested many swarm catchers, but have never found anything that would begin to compare with the Manum. It is simply a wire cloth basket with a lid. To have a swarm whose queen is at large with the bees, open the basket as shown, push it up around the cluster of bees, jar the latter from the limb, and close the lid by raking it against a lower limb, so as to throw it over on top. Half or two-thirds of the bees will be in the basket. Adjust the legs of the tripod so that the basket will be suspended in the air where the bees are flying the thickest. Attracted by the bees inside, they will cluster on the outside of the basket. While the bees are clustering, prepare the hive, if you have not already done so. This done, go back to the catcher, which you will find has caught all the bees. Very gently lift up the two front legs of the tripod, fold them against the main bar, and then carry the whole to the empty hive, invert the basket and dump. Close the hive and the thing is done. This device will reach a swarm 20 feet from the ground. It is light and easily handled. After the bees are once in the basket they cannot escape, and the prisoners will draw the others! The great feature of the device is that it will stand alone and hold the basket where the bees are flying the thickest, without anyone holding it.

PARKER'S FOUNDATION FASTENER.

Directions for using—Fasten machine to a bench or table, put a little honey on point of lever where it touches the foundation, slide box under lever against stop, put foundation under $\frac{1}{8}$ inch, raise back end of lever, slide lever off the foundation. This movement fastens it firmly to the box.

HIVE PAINT.

We have a specially prepared Paint for Bee Hives. It will outlast any ordinary Paint. We have it in 1 gallon, $\frac{1}{2}$ gallon, quarts and pint cans. 1 gallon will paint about 20 hives two coats. Price, 1 gallon, \$1.60; $\frac{1}{2}$ gallon, 85c; quart, 45c.; pint, 25c.



Parker's Foundation Fastener.

Carlin's Foundation Cutter.

A most useful article for cutting foundation. Can cut as many as six or eight sheets at a time. Price, 15c; by mail, 18c.



DAISY FOUNDATION FASTENER.

Price with lamp, \$1.00. Price without lamp, 70c. Weight without lamp, five pounds.

This is the best, for putting starters into sections. Nothing could be more simple, or more easily operated than this machine; and we are sure it will put starters in better and faster than any machine before produced. With this a boy or girl will put starters in about 500 sections per hour, and do it nicer than any of the presser machines we formerly sold. This has been greatly improved by a cast-iron plate with ribs on the edge, and projecting beyond the lamp-chimney, so that the melted wax unused may drip into a can placed on the shelf just behind the lamp. The plate being heavier retains the heat better. Complete directions accompany each machine.

HONEY BOARDS.

A perforated sheet of zinc with space for working Bees to go through but too small for queens. Used between hive body and super to keep queen from laying in super.

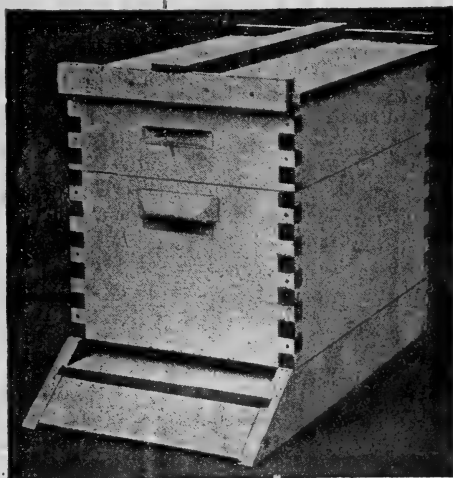
Price List of Honey Boards.

	Weight of 10	Price of 10
No. 1, 10-frame unbound zinc, 14x19 $\frac{1}{8}$,	9 lbs,	\$1.40
No 2, 10-fr. large " " 16x20	10 lbs,	1.60
No. 11, 8-fr. unbound zinc, 12x19 $\frac{1}{8}$	8 lbs,	1.20
No. 9, 8-frame wood zinc, 13 $\frac{1}{2}$ x20	13 lbs.	2.00
No. 10, 10-frame " " 16x20	14 lbs,	2.20
No. 12, 10-fr. wood bound zinc, 16x20	11 lbs,	1.80
No. 13, 8-fr. " " " 13 $\frac{1}{2}$ x20	10 lbs,	1.60

The Doolittle Improved Solar Wax-Extractor.

Price, small size, \$4.00; weight, 30 lbs. Large size, 26x60 inches, glassed, \$7.50; weight, 110 lbs.

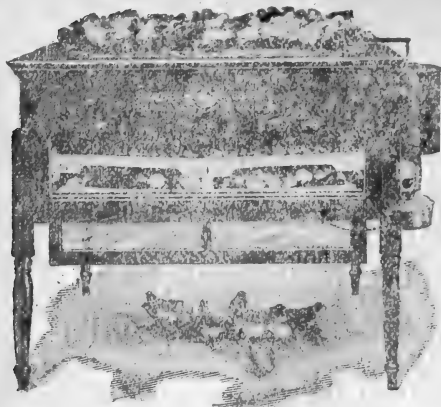
The solar wax-extractor is almost indispensable even in a small apiary. Bits of wax, such as burr and brace combs, scrapings, and the like, can be instantly disposed of by dropping them into the sun machine, which may be and should be located as near the center of the apiary as possible. There is no messing-up of the good wife's stove or floor, no building of fire, no burning of the wax; and the quality of the product, owing to the bleaching effect of the sun, is of the finest, bringing the highest price in the market. But the solar wax-extractor is not adapted to rendering up old combs, While it is just the thing for melting up cappings, and burr and brace combs, yet when it comes to melting up old brood and extracting combs, such as are too old and crooked, or diseased, the steam wax-press should be used.



Combined Bottom-Board and Hive-Stand.

WE SELL THE GENUINE CYPHERS INCUBATORS.

Free on Board Cars Springfield, Mo., at Factory Prices.



No. 2. 220 Hen Eggs, Cyphers Incubator.

all who purchase from us are insured ample protection.

PRICE OF INCUBATORS.

No. 0, 60 hen eggs, or 48 Duck eggs.....	\$12.00	No. 2. 220 hen eggs, or 190 duck eggs.....	\$24.00
No. 1, 120 hen eggs, or 100 duck eggs.....	17.00	No. 3, 360 hen eggs, or 290 duck eggs.....	30.00

If you are further interested in Incubators or other Cyphers manufactures send ten cents to pay cost of mailing 212 page main Incubator and Brooder Catalog, 32 page descriptive circular and price list free.

Cyphers Unequaled Apartment Brooders.

Free on Board Cars Springfield, Mo., at Factory Prices.

Cyphers Brooders, like Cyphers Incubators, are correct in principle; are durably made out of suitable material; are fire-proof, wind-proof and storm-proof, and guaranteed to be the best brooder on the market, regardless of price. They are fit companions for the Standard Cyphers Patent-Diaphragm, Non-Moisture, Self-Ventilating and Self regulating Incubators, and with reasonable attention will take proper care of the chicks until they are ready to shift for themselves.

Style A Outdoor Brooder.

Next to its Incubators the Cyphers Incubator Company especially prides itself on its Style A Three-Apartment Outdoor Brooder, which is pronounced by thousands of users to be the best brooding device invented thus far for indoor and outdoor use. The Style A Brooder is 36x60 inches in size; has three apartments; one, under the hover, averaging 90 degrees in temperature; one outside of the hover, averaging 80 to 85 degrees, and a separate apartment for a run-way which averages 70 degrees. This brooder is roofed with tin; is heated by a Cyphers Safety Brooder Stove, and with reasonable care will last many years.



Cyphers Style A Three-Apartment Brooder.

Style A Outdoor Brooder.....\$12.00 Style B Indoor Brooder.....\$10.00

Low Priced Incubators—Made in two sizes by the Cyphers Incubator Company. No better low priced machine on the market. 50 egg size, \$6.50; 100 egg size, \$10.00.

Storm King Brooder—A combined Brooder and Colony Coop, in two sizes. While it is not for all purposes as serviceable as the Cyphers Standard Style "A," we believe that it is more satisfactory than any other low priced Brooder on the market. Price No. 1, 24x39 inches, \$6.00; No. 2, 28x45 inches, \$8.00.

Cyphers Shredded Clover—Guaranteed 95% pure Clover. Directions for feeding in every package. 50 lb. bag, \$1.00; 100 lb. bag, \$1.75.

Cyphers Mealed Clover—95% pure Clover. We guarantee its superior quality. This is the best form to use in mash food for small chicks. Directions for feeding in every package. 50 lb. bag, \$1.10; 100 lb. bag \$2.00.

Short Cut Screened Clover—50 lb. bag, \$1.00; 100 lb. bag, \$1.75.

Ovinaphthol Nest Eggs—A disinfectant; will last for a year. 10c each.

Niagara Leg Bands—No. 2, 3, 4, 5, 6, 25c per doz.

Practical Egg Testers—\$1.00 each.

X-Ray Testers—25c each.

Mico Spar Cubical Crystal Grit—No. 2, 3, 4, \$1.50 per 100 lbs.

Crushed Egg Shell—\$1.00 per 100 lbs.

Crushed Oyster Shell—\$2.00 per 100 lbs.

Meat Blood and Bone Meal, Coarse Ground Bone and Fine Ground Bone, \$2.50 per 100 lbs.

CHICKEN FEED—Millet for little Chicks, \$1.75 per 100 lbs. Mixed Chicken Feed, composed of Cracked Corn, Kafir Cracked Corn, Wheat, Millet, etc. \$1.00 per 100 lb, Kafir Corn, \$1.50 per 100 lb



We carry a large stock at all times. Call and see the goods before placing your order. If we secure your business on Incubators and Brooders, we hope to have your trade also on the poultry supplies which follow the successful use of the machines we are agents for, and we will naturally use every endeavor to make you a pleased customer.

ANNUAL 1905 CATALOG SPRINGFIELD SEED CO

320-322 WEST WALNUT ST., SPRINGFIELD, MO.

Wholesale and Retail Dealers, Growers and Importers of Vegetable, Flower and Field

SEEDS, BULBS

ONION SETS, CUT FLOWERS, ETC.



All standard varieties of value will be found in this list. As to quality and germination we have the best the market affords. We test our seeds and know they will grow. Nothing used that does not show vitality around the 100 per cent. mark. Give us a trial and be convinced.

DESCRIPTIVE PRICE LIST.

With Directions for Cultivation and Time for Planting.

ARTICHOKE (Artichoke)

Large Globe or Paris—This Artichoke is grown for its flower heads, which are cooked with Asparagus. Hardy, easy cultivated. Seed can be sown early in April in a rich seed bed in drills 1 inch deep and 12 inches apart, thinning, when up, to 4 inches apart in the row. Protect in winter with a slight covering. The second season they form heads. Once established they continue bearing for years. 6 oz. to the acre. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 80c. Postpaid.

Artichoke Roots—These are an entirely different plant than the above and are used mainly for stock food. The greatest hog food known. One acre will keep from 20 to 30 head in fine condition from October to April. These tubers somewhat resemble Potatoes. 3 bu. to acre. Pk., 40c.; bu., \$1.25.



Large Globe Artichoke.

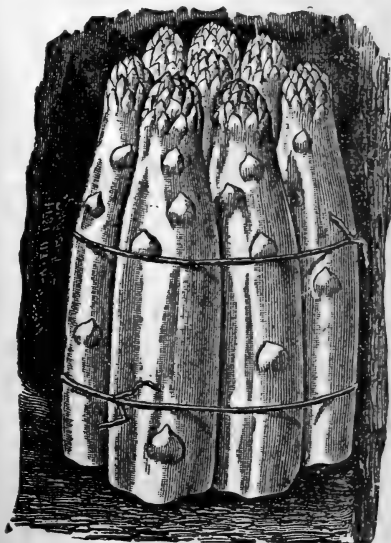
ASPARAGUS (Spargel)

One ounce will sow 40 feet of drill. Asparagus is so easily grown and such a large quantity is produced on a small amount of ground, that every garden should contain a bed. A bed ten feet square, requiring 50 plants, will give an abundant supply for any ordinary family. Soak the seed 24 hours in tepid water, sow early in the Spring in rows a foot apart. Keep clean by frequent weeding and hoeing.

Conover's Colossal—A mammoth sort, frequently sending up 15 to 30 sprouts from 1 to 1½ inches in diameter from a single plant, and spreading less than most sorts. Color deep green; quality good. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c. Postpaid.

Palmetto—This variety is earlier than others, a better yielder, more even and regular in growth, and is fast becoming the favorite sort everywhere. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c. Postpaid.

Columbian Mammoth White—An entirely new and magnificent variety of Asparagus, which is sure to be in great demand, because it furnishes white shoots which stay white as long as fit for use without earthing up or any other artificial blanching, and because it can be absolutely depended on to give 80 to 90 per cent. white plants from seed. There is no doubt but this is the greatest advance of the last quarter century in Asparagus improvements, and no grower can afford to be without it. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c. Postpaid.



Columbian Mammoth White.

ASPARAGUS ROOTS—(Spargel-Wurzeln)—Strong, two-year-old Roots. 75c. per 100; \$6.00 per 1,000. Freight or express.

DWARF SNAP, or BUSH BEANS.

(Busch-Bohnen.)

CULTURE—For the best crops, beans require good rich soil and frequent hoeing. The young plants are very tender and cannot withstand even slight frost. The seed should not be planted until the soil becomes well warmed and all danger of frost is over. Spade or plow deeply, and plant in rows two feet apart, scattering the seed about three inches apart in rows and cover two inches deep. Hoe frequently, but never when the foliage is damp from dew or rain. Hoeing should be done shallow, so that the roots are not injured. One quart will plant 100 feet of drill. 1 to 1½ bushels to the acre.



Giant Stringless Green Pod Valentine.

ductive. Very early and bears a long time. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

Dwarf Horticultural—Pods are of medium length, slightly curved, and when nearly developed are freely splashed with bright red on the yellow skin. The green beans are of good size, tender and of fine flavor. The surplus beans not needed for use during the summer make excellent soup or baking beans for winter. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

Burpee's Stringless Green Pod—It combines unusual hardness, extreme earliness and wonderful productiveness, with pods of handsome appearance and fine quality. By repeated plantings fine pods may be had in constant succession from spring until cut off by heavy frosts in the fall. Combined with extra hardness and early maturity, the pods are the finest in quality, of a rich green, very round and straight, five inches long, solidly meaty and broad—deeply saddle-backed, caused by the rounded swell of the fleshy sides. The pods are tender, brittle and of finest flavor, always entirely stringless even when fully matured. Pkt., 10c.; pt., 30c.; qt., 50c., postpaid.

Another great shortage in certain varieties of Beans. Growers report that there will not be over 25 or 30 per cent. delivery on Red Valentine and Burpee's Stringless Green Pod and 50 per cent. on all varieties of wax beans. Present prices cannot be guaranteed except for early orders.

For prices on peck, half bushel and bushel lots of Peas, Beans, Corn, etc., market gardeners, truckers and large planters will please write for our wholesale price list.

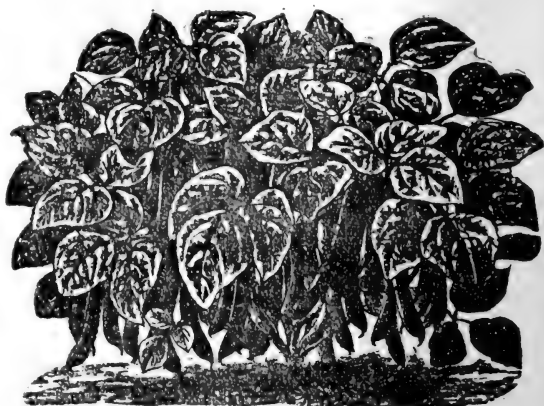
Giant Stringless Green Poddled Valentine—The pods of this new variety resemble the well-known Early Valentine. They are fully one-third larger, and the crop is borne as early or earlier than this variety. The plants are of robust growth, pods 5 to 6 inches in length, of light green color, slightly curled and very meaty and stringless. A most excellent sort for either market garden or family use. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

Improved Early Red Valentine—A select strain of Early Red Valentine, ripening very uniformly and producing enormously; pods tender and succulent; the most profitable sort for the gardener; ready to pick in 35 days. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

Long Yellow Six Weeks—An old favorite. Early and very productive. Pods long, flat and of good quality. Pkt., 10c.; pt., 25c.; qt., 40c.; postpaid.

Round Six Weeks (Improved Round Pod)—Similar to the Long Yellow Six Weeks in habit of growth and season of maturity, but the seed and the pod are round, and in quality it is superior. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

Best of All—Pods long, fleshy and entirely stringless. Very productive. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.



Burpee's Stringless Green Pod.

Early Refugee, or Thousand to One—The most prolific green podded sort, thick and fleshy. This variety comprises the two qualities of being extra early and very productive; very valuable for pickling. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

Early Mohawk—A standard early variety. A hardy, vigorous grower; yields heavy and especially adapted for poor land. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

White Marrow—Similar to the White Navy but larger. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

Dwarf White Navy—Is a sure cropper. Vines large, spreading, with small thin leaves and occasional runners; very prolific, ripening its crop early and all at once. Pods straight, short, small, but containing six beans; beans small, oval, white, handsome, and of superior quality. Pkt., 10c.; pt., 20c.; qt., 30c., postpaid.

White Kidney, or Royal Dwarf—A superior kind for baking, and is also excellent when shelled green. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

Early China Red Eye—An old standby. Very early. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

The Goddard, or Boston Favorite—Particularly valuable as a shell bean, being very large, handsome, and of delicious flavor either green or dry; it is very productive. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

BUSH LIMA BEANS.

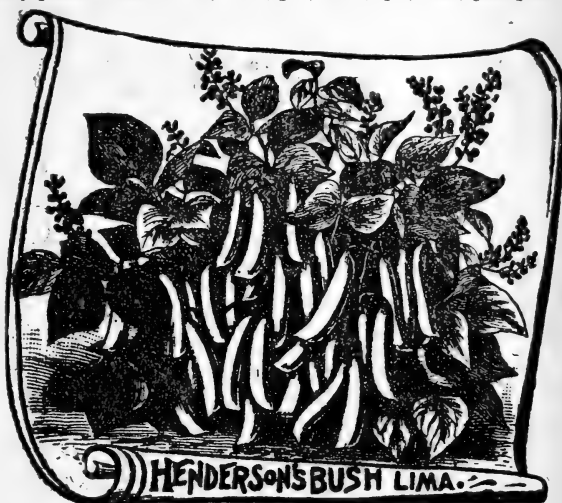
(Busch=Butter=Bohnen.)

Henderson Bush Lima, or Dwarf Sieva—The first introduced. It is the most productive of any, and on the whole is a vegetable of great merit. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

Burpee's Bush Lima—A dwarf form of the true large White Lima. The bushes grow from 18 to 20 inches high, upright, branching out and forming a compact, bushy plant, bearing large pods well filled with large, delicious beans, similar in size to the well known large pole limas. An enormous cropper. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

Jackson's Wonder Lima—Stands the hot, dry summer. Beans are of splendid flavor and immensely productive. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

The dwarf growing Lima Beans are fast growing in popularity, particularly where the use of poles is an objection. Our stocks of all varieties are fine, the best on the market.



DWARF BUSH OR SNAP—Wax Podded Sorts.

Keeney's Rustless Wax—Strong grower with remarkable vigor and freedom from rust. Pods meaty and well filled, semi-round; rich yellow, fine quality, and entirely stringless, even when large enough to shell. If pods are picked as fast as formed the plant is practically everbearing until frost. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

Improved Golden Wax—One of the best strains of Golden Wax. Harder, more prolific, holds its pods up well, of better quality, pods longer, straighter and thicker than the Original Golden Wax. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

Wardwell's Early Kidney Wax Bean—Hardy and productive, pods long, broad, flat and of a delicate waxy yellow, brittle and entirely stringless. The yield comparatively exceeds that of the common Golden Wax, and is equally as early. Pkt., 10c.; pt., 25c.; qt., 50c., postpaid.

Challenge Dwarf Black—This excellent new bean proved to be one of the very best in our trials last year. It gives a full picking of well-matured pods earlier than any other wax bean. Nothing better for a first-early crop, and planting for autumn use after a crop of early beans. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

Dwarf German Black—An improved strain of Early Black Wax, having longer, whiter, fleshier pods, and being more productive; pods are round, waxy, yellow, solid and tender. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

Davis' Kidney Wax—Hardy and productive. Free from rust. Pods long, flat, straight and handsome. A valuable variety for market gardener and canner; a good shipper. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

Currie's Rust-Proof Wax—This variety is claimed to be absolutely rust-proof; long pods, flat, tender and of fine quality. It is early, productive and a good all-round bean. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

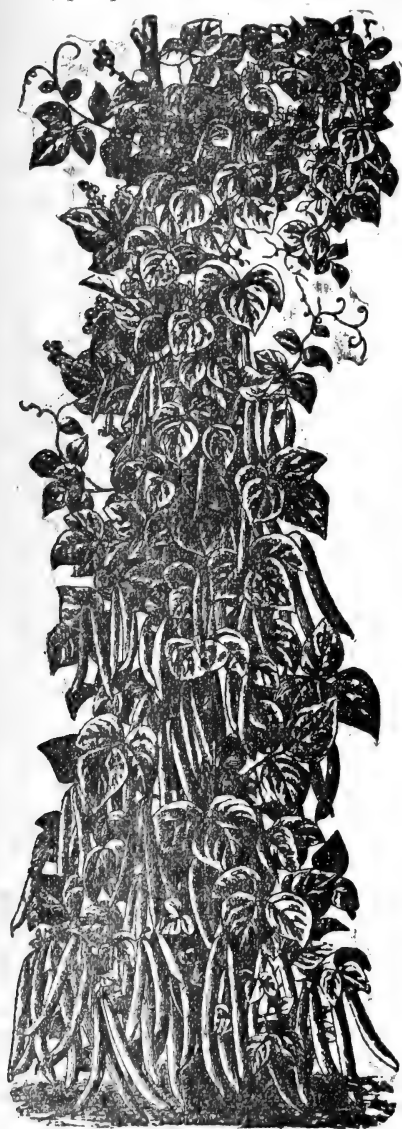


Wardwell's Early Kidney Wax.

Valentine Wax—Our experience has proved this bean to be remarkably early. The pods are thick and fleshy, but with very little string, the plant is vigorous and productive, and it is a popular sort wherever known. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

Pencil Pod Wax—Particularly handsome, this new wax podded bean is also early, hardy, very prolific and of excellent quality. Pods are long, straight, round like a pencil, fleshy and of a bright yellow color. Tender, brittle and absolutely stringless, they are produced during a long season. Seed long, round, rather small; color black. Pkt., 10c.; pt., 30c.; qt., 50c., postpaid.

Scarlet Flagelot Wax—The pods are often a foot in length, exceedingly succulent, stringless and tender. It is an enormously productive variety and nearly always exempt from rust. Pkt., 10c.; pt., 25c.; qt., 45c.; postpaid.



Kentucky Wonder.

Yosemite Mammoth Wax—A grand variety, yielding prodigiously immense golden-yellow waxen pods 10 to 14 inches long; they are thick, meaty and absolutely stringless, cooking tender and delicious. It is a robust-growing sort, needing to be planted twice as far apart as ordinary bush beans. Succeeds well on poor soils. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

Golden-Eyed Wax—An early, vigorous variety, free from rust and blight, bearing abundantly beautiful, tender, large flat, waxy golden pods. It grows 1½ feet high, holding the pods well off the ground. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid.

POLE BEANS. (Stangen-Bohnen.)

All prices on Beans are postpaid. Write for special prices on larger quantities for shipment by freight or express.

Kentucky Wonder, or Old Homestead—Early and productive. Pods grow in large clusters and are very rich and tender, almost round, and sometimes nine or ten inches long. Excellent for snap beans.

Lazy Wife—A late bean that is unsurpassed for use. Pods long, broad and thick, easy to gather; stringless; rich and buttery when cooked.

Striped Creaseback—See Novelty Page.

Speckled Wonder—See Novelty Page.

White Sickle—See Novelty Page.

Horticultural, or Speckled Cranberry—A showy bean, maturing in 80 days. Pods green, dashed with red; valued either as a snap or for shelling.

Red Speckled Cutshort—An excellent variety and particularly valuable for planting among corn. Vines medium, pods short, round, tender, succulent. Good green or dry. A wonderful yielder.

Dutch Caseknife—Very early, pods long and flat, beans pure white and of excellent quality, used either green or dry.

Southern Prolific—Used either as a pole or cornfield bean. Will bear till frost.

White Creaseback, or Fat Horse—Very long, large and absolutely stringless, beans growing in clusters.

Early Golden Cluster Wax—Begins to bear early in July and continues until frost; pods are 6 to 8 inches long, borne in clusters of three to six, are a beautiful golden yellow color, and the flavor is most delicious. It can be used shelled or as a string bean.

Small White Lima, Carolina or Sieva—Vines vigorous, with many short branches, so that they are sometimes grown without poles; very early and productive, with small, smooth, dark green leaves and small, yellowish-white blossoms; pods short, curved, thin, flat; beans white, small, kidney-shaped.

"KING OF THE GARDEN LIMA."

Finest stock for market gardeners. When not closely planted they set their pods early at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. The pods are of enormous size, many specimens measuring from 5 to 8 inches and producing up to seven beans to the pod, all perfectly formed and of superior quality.

Prices on Pole Beans: Pkt., 10c.; pt., 25c.; qt., 45c., postpaid. Write for special prices on larger quantities for shipment by freight or express.

BEETS (Rothé Rüben.)

One ounce to fifty feet of drill. Five or six pounds to the acre in drills.

CULTURE.—The best results are obtained on a deep, rich sandy loam. If wanted early sow in hotbeds and transplant, cutting off the outer leaves. For general crop sow as soon as the ground will permit; in drills 18 inches apart, and thin out to 3 inches in the row. For winter use the turnip varieties may be sown in June. If possible, sow in freshly prepared soil, which should be pressed firmly over the seed. A supply may be had for winter use by storing in cellar and keeping covered with sand or sandy soil to prevent wilting, or they may be kept outdoors in pits.

Bastain's Half-Long—Entirely distinct and by far the best variety for winter use. Roots half as long as Long Dark Blood, but on account of their thickness weigh just as much. Always smooth; rich, dark red flesh, sweet, crisp, tender and never woody, even in portions above ground. One of the best sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c., postpaid.

Detroit Dark Red (Turnip-Shaped)—Valuable because of its uniformity, medium in size, always smooth and free from small roots. The flesh is tender, fine grained, and remains so long after many sorts have become woody. It is admirable for early or late. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; 1 lb., 60c., postpaid.

CROSBY'S EGYPTIAN.

THE EARLIEST BEET IN THE MARKET.—A selection from that standard market Beet, Early Egyptian, which retains the earliness of the parent stock and has added thickness, giving it a more desirable shape; it is the deepest red, almost black in color, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market, as it is in presentable market shape quicker than any other sort. It is a very rapid grower and can be sown outside as late as July. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb 20c; lb 50c; Postpaid.



Crosby's Egyptian.

Early Blood-Red Turnip.—The old standby and a universal favorite. Deep blood color. Good early and late. Pkt. 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c., postpaid.

Edmand's Blood Turnip Beet—It is of good size, very early, perfect in form, and of that deep, rich blood color so much sought by gardeners. It commands a good price and a ready sale in all markets. It will produce fully 800 dozen bunches of early Beets per acre. Our seed has been selected from the best French grown stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c., postpaid;

Eclipse—A very early, smooth, dark, globe-shaped Beet, with small top; in earliness and quality it is excelled by none. A good cropper. We can recommend it highly for market and garden use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; 1 lb., 50c., postpaid.

Long Blood Red (very rich) 62 Days—Resists drought better than any other variety of Beets; color deep red, flesh very sweet. Grows entirely under ground. Ten to twelve tons can be grown to the acre. Valuable for cattle. Keeps well during winter, Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c, postpaid.

Dewing's Early Blood Turnip—Good color; medium size; smooth and handsome. Very desirable for marketing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c., postpaid.

Swiss Chard, or Silver Beet—A distinct vegetable and much superior to the common Beet for greens, which are produced remarkably soon after planting. Later the leaves grow very large, with broad, flat, beautifully white, wax-like stems and midribs, which may be cooked like asparagus. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c., postpaid.

MANGEL AND SUGAR BEETS FOR STOCK.

Extensively grown in all parts of the country for feeding stock. Sow in April or May in drills three feet apart, and thin to ten inches in the row. If your soil is deep and mellow, try the long variety, if shallow the round kinds will do better. No crop pays the farmer or stock raiser better than mangels; 1,000 bushels to the acre is an ordinary yield, while, with good culture, 2,339 bushels have been grown to this amount of ground. They make the cheapest of foods for all kinds of stock—horses, cattle, sheep, pigs, chickens, etc. Easily grown, and they help to keep stock in good condition and free from disease. Dairymen claim that a bushel of mangels and a bushel of corn are worth more than two bushels of corn. Use five pounds of seed to an acre.

Golden Tankard—The best Yellow Mangel in cultivation. A distinct and valuable yellow-fleshed variety, which contains a larger percentage of sugar and nutritive matter than any of the red-skinned sorts. It is more relished by milch cows and sheep than any other. In shape it is almost cylindrical. It is very easily pulled and is exceedingly hardy.

Red Globe—A large, globular, red sort, even a better keeper than the Long Red. It produces fine crops upon shallow soil, which, added to its fine grain and excellent keeping qualities, renders it the most desirable.

Yellow, or Orange Globe—Remarkably smooth in shape, considering the large size attained. Flesh white and a great keeper. Will stand a dry season exceedingly well, hence good for late planting.

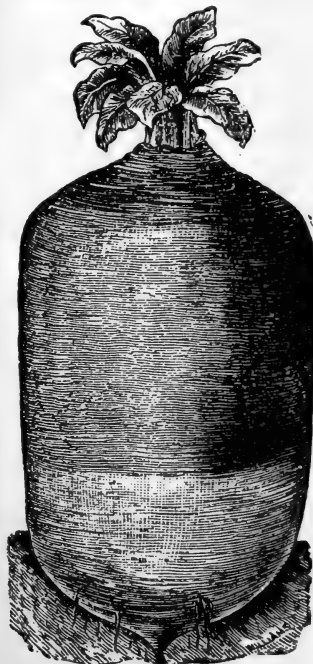
Vilmorin's Improved Sugar—A variety originating in France. It differs from the Mangel Wurzel in containing the largest percentage of sugar of any known variety. In size it is medium, yielding in this climate from 10 to 16 tons per acre. Containing about 18 per cent sugar. Cannot be overestimated for any purpose. Should be grown in deep soil.

Norbiton Giant, or Jumbo Red Mangel—Unequalled for yielding and feeding qualities. Preferred by many to common Long Reds, as its keeping qualities are considered better and it is much larger.

Mammoth Golden Giant—An improvement on the Long Yellow Mangel, being of considerably greater size, more than half above ground and of a grayish or rather russet yellow color. Remarkably even in shape, rather elongated, of vigorous growth; it has a fine neck and a very smooth skin. Flesh white, firm and sweet, much liked by cattle. In short, a magnificent root, easily lifted from the ground, producing enormous crops. Excellent keeper, yielding 40 to 60 tons per acre.

Mammoth Long Red—Enormously productive. Yields from fifty to seventy tons to the acre. The roots grow well above the ground and are easily dug.

Any of the above varieties, large pkt., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.; 5 lbs., \$1.75, postpaid.



Golden Tankard Mangel.

BRUSSELS SPROUTS (Sprossen Rohl)

CULTURE—Same as Winter Cabbage. This is a delicious vegetable of fine flavor, allied to the Cabbage family, producing great numbers of small heads or sprouts on the main stem of the plant, which are used in the manner of Cabbage. Used and prepared as greens, they are the best in the autumn, especially after frost. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c., postpaid.

CABBAGE (Früh-und Spät-Kraut.)

Cabbage requires deep, rich, mellow soil, high manuring and good culture to obtain fine, solid heads. For early use sow early kinds in hot-bed or box in the house the last of January or early in February, and transplant in the open ground in April, in rows 2 feet apart and 18 inches in the row; or sow outside as soon as the soil can be worked. Transplant in 4 weeks. For second early cabbage, sow in April, and transplant in May. For late cabbage, sow in May, and transplant in July, in rows 3 feet apart and 2 feet in the row. To prevent splitting or bursting go frequently over the ground and start every cabbage that appears about to mature, by pushing them over sideways, which breaks some of the roots and checks their growth. One ounce of seed produces about 2,500 plants. Four ounces will grow enough plants to set an acre.

Extra Early Jersey Wakefield—Select Stock—Long recognized as the best very early, marketable Cabbage. Medium in size, in shape pyramidal with a pointed peak. Is a reliable, certain header, and one of the most profitable cabbages for the market gardener. Our strain of seed is of superior quality. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.

Charleston, or Large Wakefield—A strain in which the plant is larger and a little later than Early Jersey Wakefield, the head being not so pointed and much larger. Exceedingly hardy and on account of the fine solid head, with market gardeners and shippers it is deservedly a very popular sort to follow Jersey Wakefield. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c., postpaid.



Extra Early Jersey Wakefield.

Very Early Etampes—Very early. Heads oblong, rounded at top, quite solid, medium size. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.

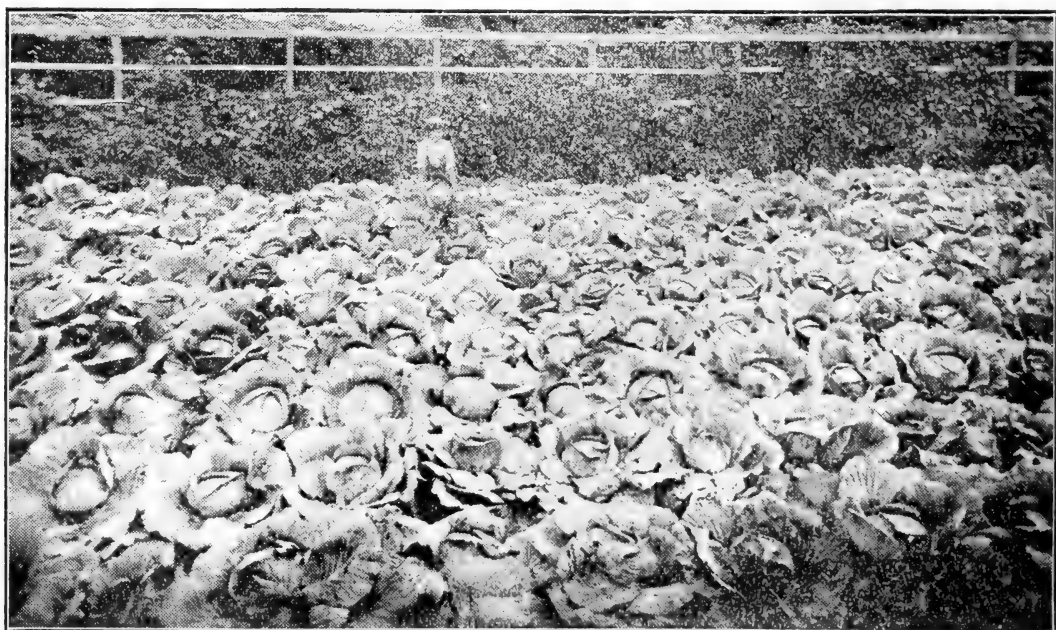
Early Winningstadt—An excellent variety for general use. Very hardy and a sure header. The heads are hard, conical in shape, and keep well summer or winter. It will succeed where most varieties would fail. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 45c., postpaid.

Early York—Heads small, heart-shaped, firm and tender. Can be planted 15 to 18 inches apart. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c., postpaid.

Henderson's Early Summer—A flat-heading variety about ten days later than Jersey Wakefield, and for years has headed the list of second early Cabbage. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c., postpaid.

Early Dwarf Flat Dutch—An excellent second early old standard variety, producing fine large heads after the first early varieties have disappeared. Highly valuable both for its fine quality and ability to resist heat. Heads are very solid, broad and round, flattened on top, tender and fine grained. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.

Henderson's Succession—A second early, uniformly large, full and handsome. Has had a very extensive sale. A general favorite everywhere and one we can safely recommend for all purposes. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.



The above is a reproduction from photograph of Springfield Seed Company's select strain of Succession Cabbage grown by Mr. John Mobley, market gardener, one mile southwest of Springfield.

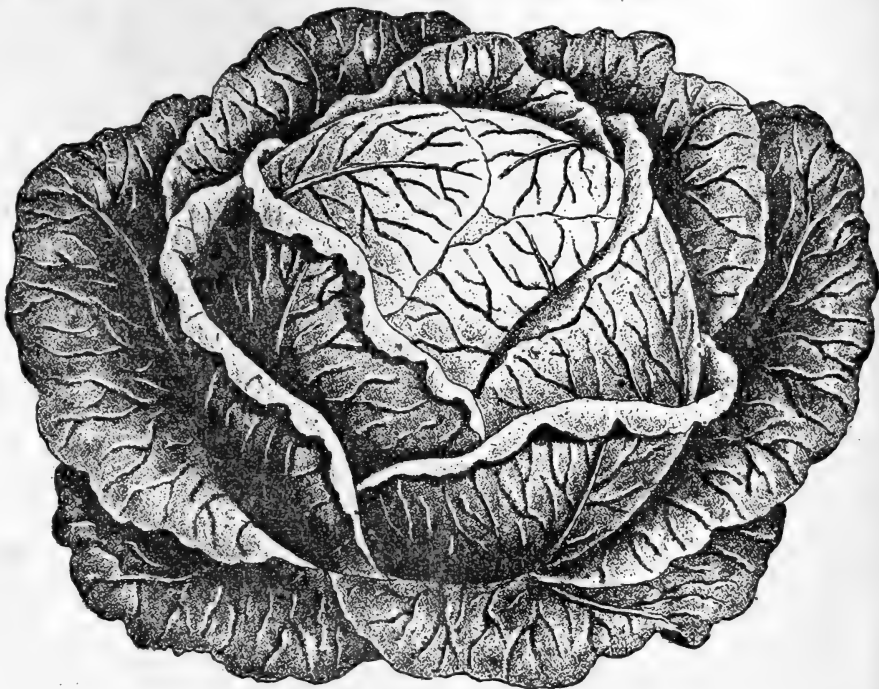
All Seasons—As its name indicates, it can be planted at all seasons. It forms a fine large head of superior quality, not bursting after heading; the heads are of great thickness, which makes a capital market sort and good keeper. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.

Genuine Sure Head—This popular Cabbage is rightly named Sure Head. It never fails to make a remarkably fine, solid, large head, with few outer leaves. It is a strong, vigorous grower, ripening late for a main crop, and very uniform in size and color. Our supply is grown from the original seed, and none better is to be had at any price. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.

Louisville Drumhead—This fine Cabbage is very popular with the kraut makers. It is a medium late variety, forming a large, solid head, which seldom bursts. It comes in between the second early and the late varieties. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.

Springfield Seed Company's Improved Flat Dutch Cabbage.

In this superior strain of late Cabbage we believe we have combined every good quality essential to perfection. It is the result of several years continued selection of seed stocks of the most perfect and largest heads, with low stocks, and especially those that show greater earliness in heading, with few outer leaves and a very uniform color. By such persistent selection, we have a highly improved strain. Market gardeners grow it in preference to all others for a main crop. It grows very large and never fails to make a perfect, solid head, and is most uniform in shape, size and color. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.65, postpaid.



Springfield Seed Company's Improved Late Flat Dutch.

Large Late Drumhead—Heads enormous. A very hardy and especially desirable winter sort. A fine shipper. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.

The New Lupton—A grand new Cabbage—A rare combination of the second early and late sorts. Strong in constitution, perfect in type, has none of the coarseness of the late varieties, with all the fine qualities of early maturity. The stalk is short; color dark green; very large heads in proportion to the plant. Especially adapted to all purposes of the farmer and market gardener, as it grows uniform, heads good, and is a splendid keeper. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.

St. Louis Late Market—A very superior late sort. Has been grown with great success by market gardeners throughout the entire country. Our stock is the original strain, Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c., postpaid.

Danish Ball Head—Heads round, good size, very solid, fine quality and one of the best keepers. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c., postpaid.

American Drumhead Savoy (Wirsing)—The leading variety of all the Savoys. Special attention should be given this class, especially where quality rather than quantity is desired. Valuable for the private garden. Of sweeter flavor than other Cabbage, especially where touched slightly by frost. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 60c., postpaid.

Red Dutch—Used almost exclusively for salad or pickling. Hardy, an excellent keeper. Is slow to mature. Should be transplanted early, in a good, heavy soil to obtain perfection. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 60c., postpaid.

Collards—A plant of the Cabbage family. It is well adapted to the South, enduring extreme heat; excellent for greens. True Southern—Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c., postpaid.

CORN SALAD

Fetticus, or Lamb's
Lettuce,

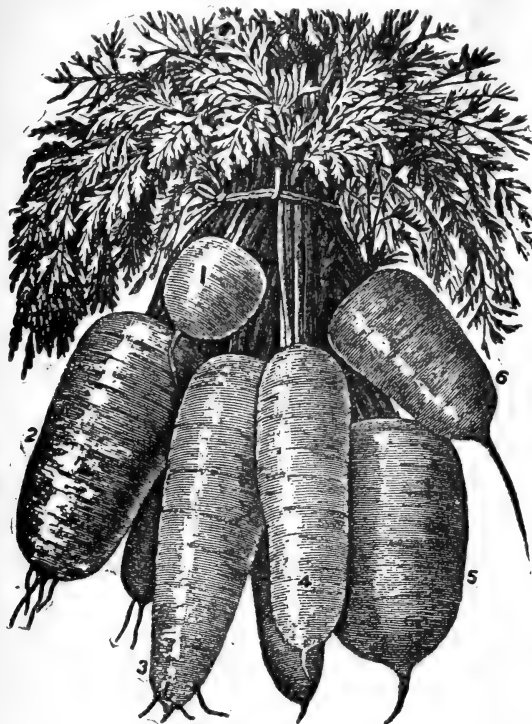
(Acter-Salat.)

This small salad is used during the winter and spring months as a substitute for Lettuce and is also cooked and used like Spinach. In warm weather the plants will mature in four to six weeks. Sow the seed in shallow drills about one foot apart, during August and September. If the soil is dry it should be firmly pressed over the seed in order to secure prompt germination. On the approach of severe cold weather, cover with straw or coarse litter. The plants will also do well if the seed are sown very early in the spring, and like most salad plants are greatly improved if sown on very rich soil; indeed, the ground can scarcely be too rich for them. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c., postpaid.

CARROTS FOR THE TABLE

(Gelbe Rüben.)

CULTURE.—Carrots for early crop should be sown as early in the spring as the condition of the ground will permit, in drills 16 to 18 inches apart; cover lightly, and if too thick, thin to about three inches in the row. Sow 3 to 4 pounds to the acre, or one ounce to 100 feet of drill. A light soil preferred.



Carrots.

color. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c., postpaid.

Long Red Stump-Rooted—Very uniform in size. Flesh rich red in color. Possessing high feeding qualities. Well adapted for heavy soil. Especially recommended to stock breeders as a heavy cropper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 60c., postpaid.

Extra Early French Forcing—The earliest, and largely grown for forcing. Small, almost globular, roots orange red in color. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c., postpaid.

Oxheart, or Guerande—Very distinct and desirable Carrot, smooth and handsome, very thick and blunt-rooted, about 6 inches long, a rapid grower and of fine quality; color orange-red; a good all-seasons Carrot. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c., postpaid.

Early Half Long Scarlet—Similar in shape to the Carentan. Color, bright scarlet, becoming yellow in the center, but without core. This is a very fine table sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c., postpaid.

Danver's Half Long—An old standard, all-purpose Carrot. Medium in length, tapering to a point. Rich dark orange color, and is without doubt the best general crop Carrot in cultivation. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c., postpaid.

Chantaney—One of the finest of all Carrots for home or market. Color deep orange red; about six inches long; stump rooted, smooth and of excellent quality; a heavy cropper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c., postpaid.

CARROTS FOR STOCK

(Gelbe Rüben für's Vieh.)

White Belgian—Grows very large and somewhat above ground, making it easy to harvest, enormously productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c., postpaid.

Long Orange—The old stand-by, both for table use and for stock-feeding, for late summer and winter. Fed to milch cows, it increases the flow of rich milk, and imparts to the butter in winter a fresh flavor and golden

CAULIFLOWER (Blumentahl.)

One of the most delicious of vegetables. Any soil that will grow Cabbage will grow Cauliflower, as their requirements are very similar. Culture same as Cabbage, except that they need a cool and moist atmosphere. As the flower heads appear, the large leaves should be broken down over them, to shield them from the sun and rain.

Early Snowball—Beyond question the best Cauliflower for family or market gardens, for early or late, for forcing; cold frame or open ground culture; it heads where others fail. Pkt., 25c.; $\frac{1}{4}$ oz., 75c.; $\frac{1}{2}$ oz., \$1.25, oz., \$2.00, postpaid.

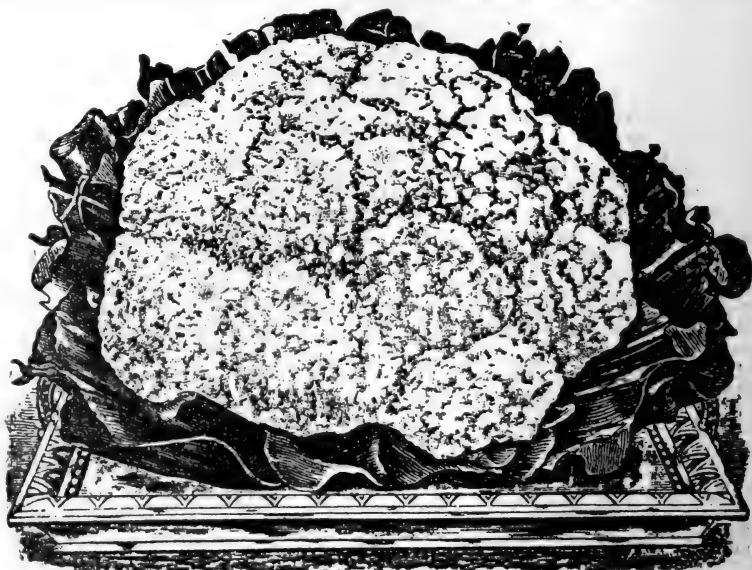
Extra Early Dwarf Erfurt—Dwarf habit, compact growth, short outside leaves; can be planted 20 inches apart. A sure header. Pkt., 25c.; $\frac{1}{4}$ oz., 75c.; $\frac{1}{2}$ oz., \$1.25, oz., \$2.00, postpaid.

CRESS OR PEPPER GRASS.

(Garten-Kresse.)

Sow thickly in very shallow drill. Cover slightly. A hardy perennial, remaining green nearly throughout the year. Is ready for use very early, and, when cut young, makes a delicious salad.

Upland Cress—A variety that does well on upland, and produces a large cluster of leaves quite similar to those of the Water Cress in appearance and quality. It is quite hardy and thrives best in the cool autumn months. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c., postpaid.



Improved Snowball Cauliflower.

WATER CRESS. (Wasser Cresse.)

The pleasant, pungent flavor causes it to be highly esteemed for table use, salads and garnishing. It must be grown along moist banks or in tubs in water-covered soil. Pkt., 10c.; oz., 25c; ¼ lb., 80c., postpaid.

CHICKORY—Large Rooted—Used to mix with or as a substitute for coffee. Cultivate the same as the Carrot. Pkt., 5c.; oz., 10c.; ¼ lb., 25c., postpaid.

CELERY (Cellerie.)

CULTURE—Sow the seed (which is slow to germinate) in shallow boxes indoors or in a finely prepared seed bed out of doors, in straight rows, so that the small plants may be kept free from weeds. See to it that the seed is not covered too deep and that the bed is kept moist, until the seeds germinate, as plenty of moisture is essential to get a satisfactory growth. The seed will not germinate well if planted in a hotbed or where subjected to a temperature above 60 degrees. When the plants are one to two inches high, thin out and transplant so that they may stand three inches apart. When they are four inches high, cut off the tops, which will cause the plants to grow stocky. One ounce will produce about twenty-five hundred plants and sow about two hundred feet of row.



White Plume—The earliest variety grown, and can be blanched for the table in September. It is a self-blanching variety, requiring no "banking up," easily grown by any one; stalks and inner leaves white, crisp and delicious. Pkt., 5c.; oz., 20c., ¼ lb., 60c., postpaid.

Golden, Self-Blanching—It is of medium earliness, of dwarf, compact habit, with thick, solid, heavily ribbed stalks which blanch easily to a clear waxen yellow. When grown in rich, moist soil, the stalks are numerous and large with a solid heart of beautiful yellow. Pkt., 5c.; oz., 20c.; ¼ lb., 60c., postpaid.

Giant Pascal—Stalks remarkably large, thick, solid, entirely stringless, very crisp and brittle. A vigorous grower and blanches rapidly. Pkt., 5c.; oz., 15c.; ¼ lb., 45c., postpaid.

Dwarf Golden Heart—A distinct variety of sturdy dwarf habit. It is solid and an excellent keeper and of fine nutty flavor. When blanched, the heart, which is large and full, is of light yellow, making it an exceedingly showy and desirable variety for either market or private use. Pkt., 5c.; oz., 15c.; ¼ lb., 45c., postpaid.

Giant White Solid—A large-growing sort, attaining a height, under good cultivation, of 3 feet. This variety is most suitable for southern sections of the country, as it grows freely in hot or dry atmosphere. Pkt., 5c.; oz., 20c.; ¼ lb., 60c., postpaid.

Boston Market—Leaves dark green, stalks when blanched nearly white. Excellent quality, solid, crisp and tender. Pkt., 5c.; oz., 15c.; ¼ lb., 45c., postpaid.

Celeriac, or Turnip Rooted Celery (Knollen Sellerie)—Large Erfurt, grown for the roots. Excellent for salad and flavoring soup and meats. Pkt., 5c., oz., 20c., postpaid.

CHIVES (Schnittlauch.)

These are perfectly hardy plants, resembling small onions or garlic in growth. They start to grow very early in the spring, and the small tender leaves are highly esteemed for flavoring many dishes. Per bunch, 25c., postpaid.

CUCUMBER

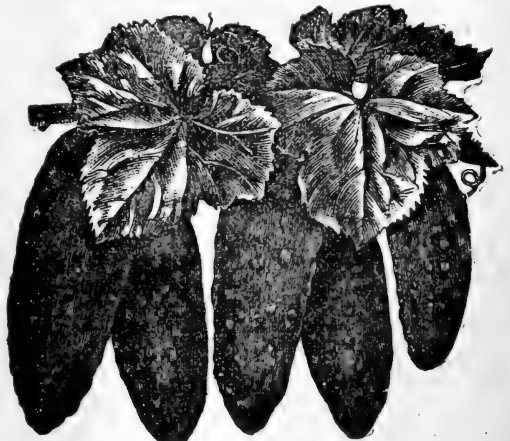
(Gurken.)

CULTURE—One ounce for 50 hills. Two to three pounds in hills per acre. Cucumbers thrive best on warm, rich, sandy loam: the richer the land the better. Do not plant in the open ground until there is a prospect of settled warm weather. Plant in hills about 4 feet apart each way. When all danger from insects is past, thin out the plants, leaving four of the strongest to each hill. The fruit should be gathered when large enough, whether required for use or not, for if left to ripen on vines it destroys their productiveness.

Westerfield's Chicago Pickling—Has been grown for some years very extensively by pickle manufacturing concerns and is without doubt the best pickling Cucumber in the world, retaining its color under all conditions.

Early Cluster—Fruit short, being borne near the root. Early, hardy and vigorous.

Early Frame, or Short Gren—An excellent sort both for table use and for pickling. Fruit straight, handsome, smaller at each end, bright green; flesh tender and crisp, and makes fine pickles.



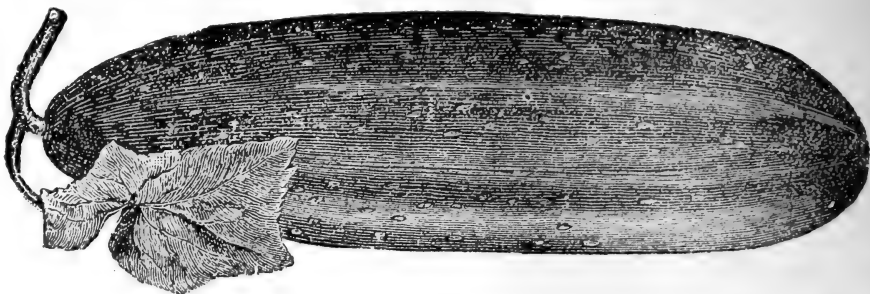
Chicago Pickling.

Extra Early Green Prolific Pickling—One of the best for pickling; dark green, very productive and of uniform small size; very few seeds.

Boston, or Jersey Pickling—A favorite eastern sort of fine quality, medium length; reliable variety for pickling and slicing.

Improved Extra Early White Spine—One of the best sorts for table use. Vines vigorous, fruiting early and abundantly, fruit uniformly straight and handsome, dark green, with a few white spines; flesh tender and of excellent flavor.

Improved Long Green — Unquestionably this is the most popular general purpose cucumber. When matured is nine to twelve inches long, very solid and crisp, retains its dark green color until nearly ripe. One of the best for small pickling if pickled promptly.



Improved Long Green.

Cumberland—A new and distinct variety, said to have originated from crossing the Parisian Pickling and the Early White Spine. It certainly has the good qualities of each of these sorts. The fruits are large, symmetrical, dark green, covered with innumerable small, white spines, and are of prime quality for slicing. The vine is vigorous, wonderfully prolific, and continues in bearing much longer than most sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 30c., postpaid.

Japanese Climbing—The strong vines throw out numerous tendrils. Can be trained upon a trellis or poles, which will insure earlier ripening and a straight handsome form in the large fruits. It endures summer heat and drought exceedingly well. It is entirely distinct. The quality is splendid. It is well adapted for pickling, as well as for slicing for salads. The cucumbers are from twelve to sixteen inches in length. Skin smooth, dark green, turning to brown and netted when ripe. The flesh is pure white, crisp, and of mild flavor. Pkt., 5c.; oz., 15c.; ¼ lb., 35c., postpaid.

Evergreen, or Extra Long White Spine—One of the best table sorts and splendid for forcing under glass. A fine strain, producing smooth, regular fruits, frequently twelve inches long. Smooth, round, handsomely colored and very regular in size and form; of excellent quality.

Nichol's Medium Green—We consider this a most valuable variety. As a pickling sort it will be found unequalled, and for early forcing, or slicing, there is no better. It is exceedingly productive, of medium size, and always straight and smooth.

Gherkin—A very small oval sort, grown exclusively for pickles. Prolific to an extraordinary degree. Seeds are slow to germinate. Pkt., 5c.; oz., 15c., ¼ lb., 50c., postpaid.

Prices when not otherwise noted: Pkt., 5c.; oz., 10c.; ¼ lb., 25c., postpaid.

SWEET CORN [Süs Corn]

The Sweet or Sugar Corn varieties being liable to rot in cold or wet ground, should not be planted until May, or when the ground has become warm, and for a succession plant every ten days or two weeks until the last week in July, in hills 2 x 3 feet for the early kind and 3 x 3 for the large late kinds. Some plant in drills 3½ feet apart and 8 inches in the row. Give frequent and thorough cultivation. One quart plants 200 to 300 hills. 8 to 10 quarts for an acre.

EXTRA EARLY VARIETIES.

Extra Early Adams—Not a sweet corn, but grown largely for early market.

Red Cob Cory—An extra early and an old market variety, fair size ears.

Early White Cory—Similar to Red Cory, but white cobs and kernels.

Early Minnesota—Almost as early as Adams or Cory, dwarf in habit, ears white.

Crosby's Extra Early—Ears fair sized and of excellent quality.

Bonanza—As early and larger than Crosby's; a favorite with the trucker.

Shaker's Extra Early—Large, early and productive, an all-purpose sort, unsurpassed in any particular.

SECOND EARLY SORTS.

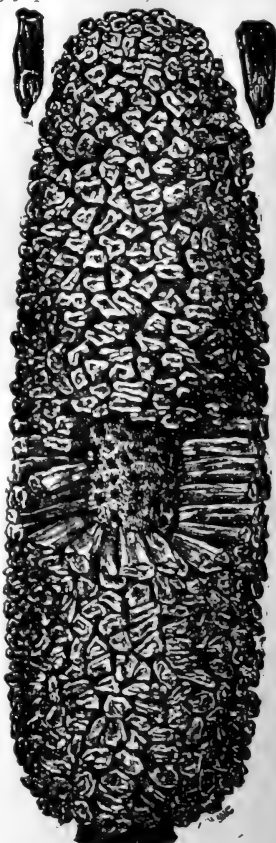
Early Mammoth Sugar—Produces very large ears, a genuine Sweet corn.

Kendall's Early Giant—A valuable new early Sweet Corn. The ears grow to a tremendous size, measuring eight to ten inches long, and having ten to eighteen rows on each cob, the majority having twelve rows; kernels pure white, sweet and tender.

Perry's Hybrid—A rather large growing variety, fine quality, highly prized by market gardeners and canners.

LATE, OR GENERAL CROP VARIETIES.

Country Gentleman, or Shoe Peg—Is becoming very popular and well known; possesses a great many superior qualities, very deep grain, small cob, ears good size and will produce three to four to the stalk.



Shoe Peg.

Black Mexican—Blue black in color and sweetest corn in cultivation.

Late Mammoth—The largest of all; a fine market variety.

Egyptian—A large variety, resembling the Evergreen, broad, flat grain, a genuine sweet corn.

Stowell's Evergreen—This sort is perhaps more largely planted than any other variety, being old and a standard for many years; and a favorite with market gardeners and canners. It is exceptionally tender and of a rich sugary flavor, remaining in an edible condition for a long time. large ears; a grand good sort.

Prices on all the above varieties, Pt., 15c.; qt., 30c., postpaid. By Express or Freight, qt., 20c; pk., \$1.00, bu., \$3.25.

GROW POPCORN FOR THE MARKET.

There is always a market for pure White Rice, Queen's Golden and Mapledale Prolific Popcorn, and there is money in it. Try it. Plant some distance from other corn as it hybridizes easily. Cultivate same as other corn. Write us. We will contract to take your crop.

Mapledale Prolific—The most productive Pop Corn in cultivation, bearing five to twelve ears to the stalk. Pops very large and tender, and is rapidly gaining favor with the trade.

Monarch White Rice—This is the best variety. The ears are 6 to 7 inches long and the kernels are pure white and of large size. Yields well, and produces the finest quality of Pop Corn. Decidedly the best variety to raise on a large scale for market as it yields best and commands the highest prices. Our strain is very fine. A very profitable crop.

Queen's Golden—A variety of great excellence; stalks 6 feet, with three to six large, golden-yellow ears each. It pops creamy white, and often expands to an inch in diameter; remarkably tender, and of a delicious flavor, The best variety for home use.

Red Beauty—Fine variety. The stalks grow six feet high and average 3 to 4 ears each, from 5 to 6 inches long and covered with large, rice-shaped kernels of a deep red color. Pkt., 5c.; ½ pt., 15c.; pt., 25c.; qt., 40c.

Prices on any of the above varieties, unless otherwise noted, Pkt., 5c.; pt., 15c.; qt., 30c., postpaid. Write for special prices on large quantities.

EGG PLANT. [Eier Pflanze]

Seeds should be sown in hot-beds in March or early April. Transplanted about June 1st, two and a half or three feet in the row. The plants are large and vigorous; leaves large and of a light green shade. Requires a rich, deep soil, and will thrive best in a damp shaded spot.

New York Improved—(Spineless.) This variety has about superseded all others both for market and private use. The large size and high quality of its fruit and its extreme productiveness make it the most profitable for market gardeners. Plants are large, spreading; foliage light green; fruit very large, oval; color dark purple. Plants usually ripen four to eight large fruits. Bear in mind that our stock is spineless, which is a great advantage in gathering

White Rice Pop Corn.

the fruit. Pkt., 5c.; oz., 25c.; ¼ lb., 75c., postpaid.

ENDIVE [Binde-Salat.]

The leaves of this plant make a very delicious autumn salad. When almost full grown the outer leaves are tied together, in order to bleach the center. Should be carefully lifted late in the fall with a ball of dirt attached and placed close together in the cellar. One ounce will sow about 150 feet drill. Sow late in July for winter use.

Mammoth Green Curled—A beautiful and valuable variety. Superior to any other. Grows fifteen to twenty inches in diameter. Leaves are very crisp, tufty and full. Extremely hardy, equally suitable for spring, summer or autumn planting. Pkt., 5c.; oz., 10c.; ¼ lb., 35c., postpaid.

Everwhite Curled—Midrib yellow, leaves almost white, large size. A very slightly variety. Pkt., 5c.; oz., 10c.; ¼ lb., 35c., postpaid.

HORSE RADISH.

CULTURE—Mark off the rows two and one-half feet apart in rich, moist, well-prepared ground, and set the pieces of roots eighteen inches apart in the rows, vertically, the small ends down, and the top one to three inches below the surface. Cultivate thoroughly until the tops cover the ground, when the shade will keep down the weeds.

SMALL ROOTS—3 for 10c.; 25c per dozen, postpaid. By freight or express, at purchaser's expense, 75c per 100.

GARLIC.

[Knoblauch.]

A bulbous rooted plant, much valued for flavoring soups, stews, etc. It thrives best in a light, well-enriched soil. The root or bulb is composed of many small bulbs called cloves, which are planted in the spring, 6 or 8 inches apart. In August the bulbs are ready to gather. Cultivate and store same as onions. Fine bulbs, ¼ lb., 15c.; lb., 30c., postpaid.

Large Garlic Bulbs.

Endive.

Cultivate and store same as onions. Fine bulbs, ¼ lb., 15c.; lb., 30c., postpaid.

KOHL-RABI

[Kohlrabi.]

The Kohl-Rabi is a vegetable intermediate between the cabbage and turnip, and combines the flavor of each. The edible part is a turnip-shaped bulb formed by the enlargement of the stem. When used for the table this should be cut when quite small, as it is then very tender and delicate, but if allowed to reach its full size, becomes tough and stringy.

CULTURE—Sow in rich soil as early as possible, in drills sixteen inches apart, and when well established, thin to six inches apart in the rows. One or two plantings at intervals of ten days will give a succession until hot weather, when they will fail to grow well; but plantings may be made the latter part of July for fall use.

Early White Vienna—(Extra, for forcing.) Very early; small, handsome white bulb. Best early variety for table. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.

Early Purple Vienna—Similar to White Vienna, except in color. This is a bright purple. The leaf stems are tinged with purple. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.



Kohl-Rabi.

KALE, or BORECOLE.

[Kraus-Kohl.]

Sow from the middle of April to the beginning of May in prepared beds; transplant in June, and treat in the same manner as for cabbage. Of all the cabbage tribe, this is the most tender and delicate, and would be much more extensively grown than it is if its excellent qualities were generally known. The varieties are extremely hardy, and are best when touched by frost.

Dwarf German Green—Esteemed by all Germans, very hardy, and of fine quality; so handsome that it is frequently grown for ornament. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c., postpaid.

Dwarf Green Curled Scotch—Rarely exceeds 18 inches in height, but spreading out under good cultivation to three feet in diameter; leaves beautifully curled and bright green. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c., postpaid.

LEEK.

[Lauch.]

Leeks are quite appetizing when sliced and served as salad, or they may be cooked and served like onions. The plants are very hardy and the flavor improves with freezing. Sow seeds thinly in drills early in the spring; thin out or transplant so as to stand six inches apart in the row. Keep free from weeds during summer, and early in the fall draw earth up about the stems in the same manner as you would blanch celery.

Large American Flag—Large, hardy and of excellent quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c., postpaid.

Giant Carentan—The favorite market variety, large thick stem, of mild flavor and attractive appearance. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c., postpaid.

LETTUCE.

[Salat Garten.]

One ounce will sow 100 feet of drill. Wherever you find a garden you find lettuce, possibly more universally used than any other vegetable, especially in the spring. Served in various ways, and to be thoroughly appreciated should be fresh and crisp. Will thrive in ordinary garden soil, but should be of rapid and vigorous growth. Sow in hot-beds early, transplanting to open ground eleven or twelve inches apart. Sowings at short intervals should be made to secure good lettuce during the season.

Prices, unless otherwise noted, postpaid: Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c. Six Pkts., any variety, 25c.

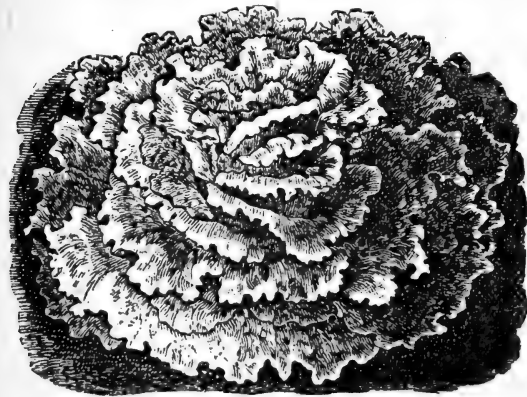
Early Curled Simpson—Forms a compact mass of yellowish green, curly leaves; earlier than head lettuce; largely grown in cold frames and the open ground.

Black-Seeded Simpson—Very large loose heads of curly, golden-yellow leaves, which are thin and tender. It stands summer heat splendidly, and is valued for frame culture.

Grand Rapids—Beautifully crumpled and curled; tender and delicious; grows freely.

Early Curled Silesia—The old favorite; of dwarf, compact habit and quick growth; crisp golden leaves with finely curled edges.

Denver Market—Used either for forcing or open ground. An early variety, forming heads which are solid and of beautiful light green color, curled somewhat like Savoy Cabbage and always crisp and tender.



Early Curled Simpson.

White Summer Cabbage—A head lettuce of remarkable quality. Forming a solid, fine head of good size and will withstand heat and drouth, making it a good late variety.

Boston Market—This variety can be planted so close as to make it well adapted for glass culture; grows very compact and forms fair-sized heads slightly tinged with red on the edge of the leaves. It is also one of the best varieties for outdoor culture. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.10, postpaid.

Tennisball—An early reliable header, compact in growth, the leaves close set and slightly bloated or savoyed. Color a whitish green.

Prize Head—Very tender leaves of dark reddish brown color, variegated with dark green. Heads large and of good flavor. We sell more of this than any other brown-leaved variety; always satisfactory.

New Trianon Cos, or Celery Lettuce—The finest of all the Cos sorts; leaves when bleached are stiff like celery stalks, and can be eaten in the same manner. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c., postpaid.

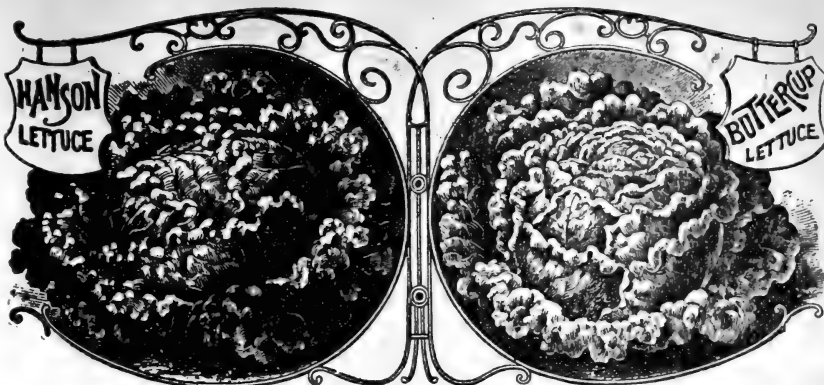
Market gardeners, truckers and large planters are requested to wait for our special wholesale price list.

Send the address of your friends who are interested in a good garden and they will receive a copy of this Catalog.

Golden Ball Buttercup—An imported variety, being distinct from all others. Of a golden yellow, retaining its color throughout the season. Attractive in appearance and very sweet and tender.

Improved Hanson—Forms very large, firm heads, resembling cabbage, which are deliciously sweet, crisp and tender; heads green outside and white within; for outdoor culture unexcelled. It is one of the best heat-resisting sorts.

Iceberg—The leaves have small indents, which are constantly filled with dewdrops, thus keeping them always fresh and giving them a crystalline appearance, hence the name. The Iceberg is the hardiest heading sort we know. An excellent lettuce for home garden and market. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c., postpaid.



MUSTARD.

[Genf.]

Sow ten pounds to the acre. For salads and greens sow broadcast early in the spring. The seeds are also used for flavoring pickles, pepper sauce, etc.

Yellow or White—Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c., postpaid.

Brown or Black—Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c., postpaid.

Southern, or Chinese Curled—Especially desirable for the market gardener and is fit for use much longer than other varieties. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c., postpaid.

Ostrich Plume—An improved type of Southern Giant Curled, but immensely superior to this sort, both in appearance and delicate flavor. The leaves are finely cut and densely curled, resembling wavy ostrich plumes. Of very quick growth and mild flavor. The finest mustard in existence. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.

Smooth Leaved—Leaves large and succulent, pleasant, sweet and pungent. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c., postpaid.

MUSKMELONS.

[Muskat Melonen.]



To get the best results, select a warm, rich sandy loam, thoroughly work the soil. Make hills six feet apart each way. Use in each hill a few shovelfuls of well-rotted manure. Seeds should never be planted until settled warm weather. Plants are very sensitive and liable to be injured by frost. Should the vines grow rapidly and too luxuriant, may be pinched off when three or four feet in length. Also if the fruit should set too thickly, thin when young. This will hasten ripening and also increase the size and quality of the melons. Cultivate often until the vines interfere. One ounce will plant about sixty hills; two or three pounds to an acre.

Rocky Ford—It is safe to say that no melon has ever come into the market which has sold so readily and at such high prices as the "Rocky Ford." The skin is a rich greenish gold; netting is prominent and light in color; very attractive. The flesh is very deep, ripening clear to the rind, and has an exceedingly small seed cavity. It is very sweet and luscious in flavor, and is entirely devoid of any stringy character. Yields enormous quantity of fruits during the entire season. Our stock is direct from Rocky Ford. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.

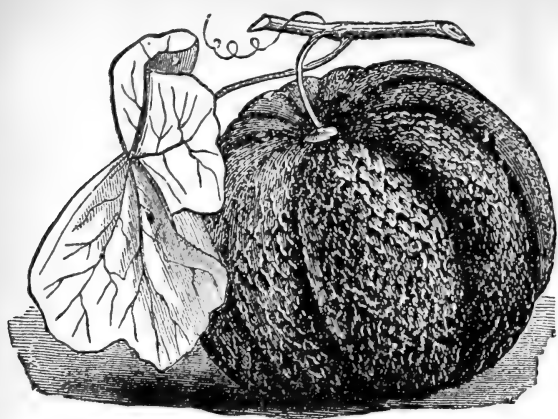
Early Green Nutmeg—A rather small green-fleshed variety. Dark green rind, well netted, ribbed and somewhat globular in shape. Extra early.

Baltimore or Acme—Heavily netted. Deeply ribbed. Somewhat oblong in shape. Flesh green.

Banana—Has the appearance and shape like a banana. Quite a novelty.

Paul Rose—A new salmon-fleshed variety, especially adapted for fancy shipping trade. Rather small. Oblong in shape. Ribbed and netted. Possesses excellent table qualities. A cross between the Emerald Gem and Osage.

The Patterson Melon—A muskmelon of very superior qualities, originating in our immediate vicinity. Our stock (which is limited) is direct from the grower and originator of this splendid melon. It is of the Jenny Lind type. Earlier and of better size. We do not hesitate to recommend it to the market gardener and shipper as being the sweetest and most productive of all extra early melons. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.



Extra Early Hackensack Melon.

Emerald Gem—A most delicious small melon. Extremely thin rind. Flesh of a beautiful salmon color, almost red. Flavor unexcelled.

Osage, or Miller's Cream—Skin is slightly netted, dark green color. Being a heavy cropper and of fine flavor, this old-time favorite holds its own.

Improved Green Nutmeg—Flesh light green and beyond question the surest cropper and most productive sort in cultivation. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.

Champion Market—Is globular in shape. Heavily netted. Average about five pounds. A second early variety and very popular, because of their fine flavor and from the fact that they resist sunburn extremely well. It is desirable as a shipper and for the home garden. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.

Montreal Market—Large size. Flesh very thick and fine flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.

Long Yellow—A large variety; long, oval, deeply ribbed; flesh thick, light salmon colored, and of a peculiar musky flavor. This variety is used in its green state for mangoes.

Shumway's Giant—Mammoth in size, often as large as a water bucket; a genuine curiosity in the way of a melon; flesh a salmon color; flavor pleasant. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.

Vegetable Peach (Mango Melon or Vine Orange)—Size, shape and color of an orange. Excellent for preserving and mangoes. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c., postpaid.

Pomegranate—Ornamental, round fruits, dark green, with darker spots. Fragrant. Pkt., 5c.

Prices, unless otherwise noted:—Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c., postpaid.

WATERMELONS. [Waffer Melonen.]

Never plant Watermelons on hard, poor soil. It requires a sunny, light, mellow soil, made very rich with well-rotted compost. Prepare the ground by deep cultivation and plant in hills 8 to 10 feet each way. Hoe often. Somewhat harder and more vigorous than Muskmelons and may be planted earlier. The largest melons are obtained by pinching back the vines and removing all but a very few when small.

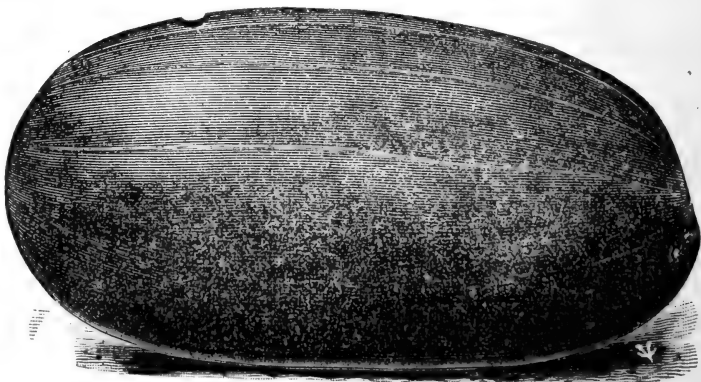
Kleckley Sweets—This is one of the best flavored melons in cultivation, and of a shape and color that is extremely desirable. The rind is very dark green, very thin, flesh deep scarlet, fine and of delicious quality. For the home market and family garden it is decidedly the best. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c., postpaid.

Phinney's Early—Very early. Medium size. Flesh deep red and very sweet. Rind thin. Very productive.

Alabama Sweet—Here is a Melon that we believe you want. This Melon was brought out as a novelty some years ago. It has been thoroughly tried and is fast becoming one of the most popular early Melons in the South, where they are raised for the early market. Its chief merit lies in its extreme earliness and delicious eating qualities. Southern truckers claim that it is at least two weeks earlier than any other sort and attains a size which no other extra early Melon has heretofore equaled. It is a long, dark green in color and the flesh is a dark rich crimson. Our seed is direct from the originator. A number of our local truckers tried this Melon last year and are greatly pleased with it. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.

Halbert Honey—Fully equals Kleckley Sweets in flavor and has fruit more even and regular in outline, with a darker, richer-colored skin. The vines are vigorous and from four to five Melons are often seen clustered closely together. Flesh crimson, and the seed is white and rather small. None better for home use or nearby market. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.

Sweet Heart—A splendid shipper. Early, large, oval, light green. Rind thin, but firm. Flesh bright red, sweet, very tender, firm and solid. Very productive.



Kleckley Sweets.

When ordering by express or freight, deduct 10c. per lb. from above price.

Improved Long

Dixie—It is conceded to be the best shipper and keeper grown. It is larger, 10 days earlier, more beautifully striped and of finer appearance than Kolb's Gem. Skin dark green, striped, flesh bright, scarlet, sweet, tender and juicy. A most valuable cropper.

Mountain Sweet—

A large variety. Oblong in shape. Flesh red, long and of good size. Striped light green, thin rind. Flesh deep and scarlet and deliciously sweet and a good shipper. Best for garden culture.

Gypsy, or Georgia

Rattlesnake—A very

large Melon and a good shipper. The skin is striped light and dark green. The flesh is bright scarlet, deliciously sweet and sugary. This variety is very popular in the South for shipping.

Melver's Wonderful Sugar Melon—The sweetest Melon grown. Without a single exception this is the sweetest Watermelon of all. The Melons attain a great weight, are of a very handsome appearance, never crack or lose their flavor during wet seasons. It is a very productive variety, and one that will take the lead wherever known.

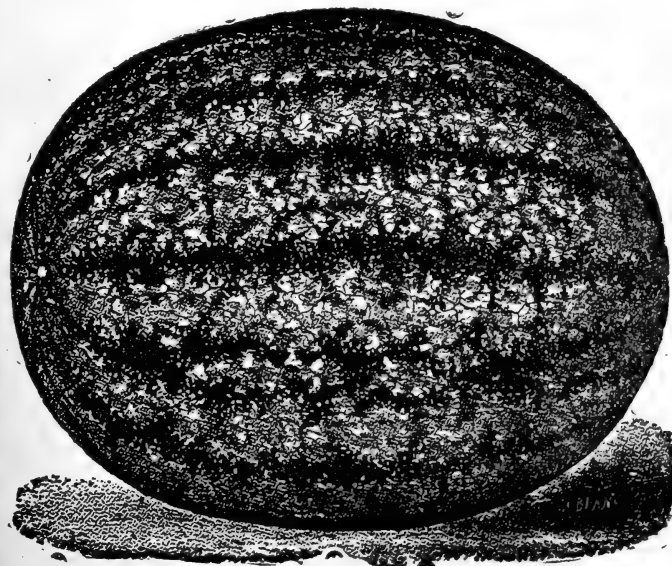
Hungarian Honey—A new variety brought from Hungary a few years ago. Round, uniform size. Ten to fifteen pounds. Dark green. Thin rind. Flesh red and very sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.

Florida Favorite—A very large, long Melon, mottled dark green with stripes of lighter shade. Rind thin but firm. Flesh very bright, deep red, very sweet, tender and excellent. A very popular variety in the South.

Dark Icing—Oblong in shape. Rind dark green. White seeded. Flesh dark red and of a fine flavor. Extremely prolific and of good size.

Cuban Queen—Large oval Melons. Striped dark and light green. Flesh red and of excellent quality. The best late sort.

Cole's Early—Very hardy, a sure cropper and extremely delicate in texture of flesh, which is of a dark red color. Rind is thin and extremely brittle, hence not desirable for shipping purposes, but possessing all the other most desirable features. We highly recommend it for home use. Medium size, nearly round. Rind green, striped with lighter shades.



Kolb's Gem.

Kolb's Gem—The longer this variety is cultivated the better it is liked. Vines of medium size, but remarkably vigorous and healthy. Fruit of the largest size, but round and slightly oval, marked with irregular mottled stripes of dark and very light green in sharp contrast, which gives it a very bright and attractive appearance. Flesh bright red, extending to within half an inch of the rind, sweet and tender. As a shipping variety it has no superior.

Seminole—Early, very productive, large and of splendid flavor. Melons of both gray and light green.

Triumph—The points of excellence of this really good Melon are earliness, fine shape, thin, tough rind, great productiveness, attractive color and excellent quality.

Pride of Georgia—Striped light and dark green. Oval shape. Flesh bright red and sweet. An excellent shipper of good size.

Duke Jones—A new Melon which has attained great popularity, and given universal satisfaction whenever tried. Grows to immense size.

We are desirous that our customers call on us when in the city. We will show you the most complete Seed House in the West, and will try to make your visit a pleasant one.

Ics Cream or Peerless—The old but extremely popular home market Melon. None better. It is medium in size, almost round. The skin a pale green, slightly mottled. Flesh bright scarlet, fine grained, solid to the center, crisp and melting. Its delicious flavor entitles it to the name Peerless.

Jones Jumbo—Color of skin is solid green, flesh very bright red. Particularly sweet and juicy. Attains an immense size, often weighing eighty pounds. Good shipper.

STANDARD SORTS.

BLACK SPANISH. LIGHT ICING, or GRAY MONARCH. KENTUCKY WONDER.
BLACK DIAMOND. SCALEY BARK. EARLY FORDHOOK.
BLUE GEM. CITRON RED SEEDED. MAMMOTH IRONCLAD

Prices, when not otherwise noted: Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 50c., postpaid.

OUR SPECIALTY: FINE SOUTHERN GROWN MELON SEED.

MUSHROOMS. (Champignn Schwamm.)

English Spawn, in bricks, per lb., 20c.; 10 lbs., \$1.50; by mail add 10c per lb,

OKRA, OR GUMBO. [Safran.]



White Velvet Okra.

A very delicious vegetable. The young green pods make a healthful and nutritious soup. When pickled are a fine salad. Easily grown. Sow after settled weather in rows three feet apart. Thin to ten inches in rows.

Improved Dwarf—A distinct early variety. Pods comparatively short but very numerous. Pkt., 5c.; oz., 10c.; ¼ lb., 20c., postpaid.

White Velvet—This variety is a great improvement on the old White or the Green. The plant is of medium height, bearing a large crop of white, smooth, tender pods which retain their tenderness until nearly full size. Pkt., 5c.; oz., 10c.; ¼ lb., 20c., postpaid.

Mammoth Long Pod—The plant of this variety is dwarf, but very productive. The pods are long, slender, deep green, and remain tender much longer than most sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 20c., postpaid.

Have your friends order their Seed with yourself and save transportation charges.

It sometimes happens we can supply varieties not mentioned. If interested write us what you desire and quantity required. If possible we will quote special prices.

For club orders of \$5.00 we offer as a special premium \$1.50 worth of Seeds in packets or ounces.

Market gardeners are requested to write or call on us for our Market Gardener Price List.

ONION SET CULTURE.

Plant the sets four inches apart, in rows about half an inch deep and one foot between the rows, but do not cover the sets entirely. This applies to all varieties except the Potato Onion, which should be planted in rows fifteen inches apart and nine inches in the row, and then covered with about one inch of soil. All varieties can be set out in the fall as well as in the spring. Fall planting of Sets succeed very well and should be more generally practiced.

Egyptian or Perennial Tree—In this we have an entirely distinct variety of Onions. Differs from all others in that when once set out, without the slightest protection, it will come up the year after as soon as the frost is out of the ground. Grows rapidly and is ready for the market three to four weeks earlier than Onions grown from bottom sets. It never forms a very large bulb, is immensely productive, increasing from sets produced on top of the stalks. Especially adapted for growing green Onions in early spring. Should be planted in fall. Pt., 15c.; qt., 25c., postpaid.

Potato Onion—Produce large bulbs and often as many as twenty small bulbs in a cluster from a single bulb planted. Excellent quality and size for bunching green. A good keeper, very early. Should be planted in fall. Color pale red. Qt., 30c., postpaid.

White Shallots—Bulbs large and a silvery white color, but never round. Produce small bulbs on the sides. Very desirable variety for early bunching. Qt., 30c., postpaid.

We make a specialty of Onion Sets. Write for prices on bushel and large quantities.



COPYRIGHT

White Bottom Sets, qt., 25c., postpaid. Yellow Bottom Sets, qt., 25c., postpaid. Red Bottom Sets, qt., 25c., postpaid. Genuine Red Top Summer Sets, qt., 30c., postpaid.

ONIONS.

(Zwiebel.)

Sow the seed early in April or as soon as the ground can be worked. One ounce will sow 100 feet of drill. Four pounds to the acre, drills fourteen inches apart. Cover $\frac{1}{4}$ of an inch. Commence hoeing as soon as the fine, grass-like stems can be seen. Simply skim over the surface and avoid stirring deeply, rather work the soil away from the bulbs. When the tops become dry and dead, pull and spread over the ground for a few days until fully dried. Cut tops half an inch from the bulbs.

For sowing Onion seed and cultivating the crop, we recommend that you have a good drill and a hand cultivator. For pickles or sets, sow the seed very thickly and in broad drills about fifty pounds to the acre for sets, and twenty pounds for pickles.

Spanish King, or Prize Taker—This is beyond question the handsomest Onion grown. Yellow or straw color, flesh white, of enormous size, in many cases weighing from three to three and a half pounds. Very hardy and a good keeper. Flavor sweet, very mild and tender. Growers agree in pronouncing it the most popular yellow variety they have ever grown. The seed we offer is a very superior quality and comes from a reliable and trustworthy grower. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid.

Extra Early Flat Red—Remarkably early, of medium size, thriving in cool soils where others fail; a good keeper; shape uniform, round and flat, skin light red, flesh close-grained, white and mild; an excellent variety for home gardens. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid.

Large Red Wethersfield—Universally popular, both for market and home use; sure and heavy cropper; long keeper; grows to an immense size; of flattened form; skin purplish red; flesh white, slightly tinged with pink. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid.

Flat Yellow Danvers—Similar to above except being flatter. It matures very early, is a reliable and large cropper, making handsome, good-sized Onions; thin, yellow skin, flesh white as milk. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid.

Yellow Globe Danvers—A standard everywhere; yields an immense crop of handsome, uniform, large, globe-shaped Onions; early and a good keeper; thin, brownish yellow skin. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid.

White Portugal, or "Silver Skin."—An excellent and popular Onion for the family garden; of medium size, flat, symmetrical, very early, good keeper, skin and flesh white, fine-grained and unusually mild and delicate; also largely used for pickles when small. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50, postpaid.

Extra Early White Pearl—The earliest of all white varieties, medium in size, very mild and pleasant. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50 postpaid.

Southport White Globe—Silvery white skin, flesh firm, white and mild. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75, postpaid.

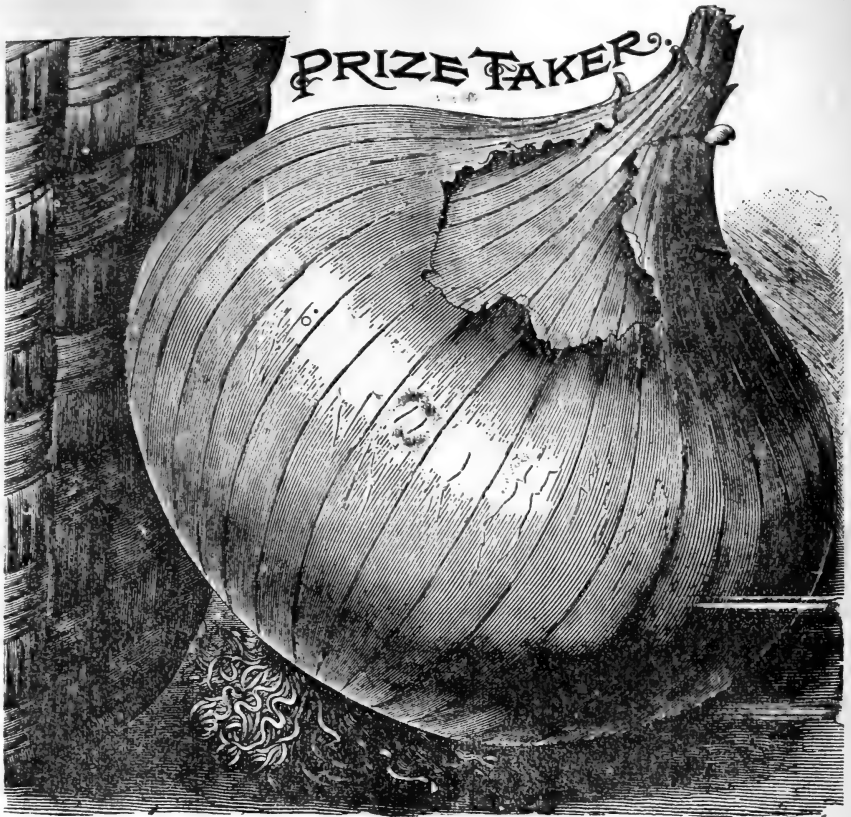
Southport Red Globe—Skin deep purplish red, flesh white and solid. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50, postpaid.

Australian Brown—This magnificent Onion has demonstrated its true worth the past season, both as a cropper and long keeper. Skin is deep brown, very distinct from all other Onions. Extremely early, planted with Wethersfield this year proved to be four weeks earlier. We especially recommend that market gardeners try Australian Brown. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid.

SIZE OF PACKETS—Our packets are large in size, containing, in many cases, more seeds than are needed in the average home garden.

We use nothing but tested stock in filling orders. Our idea has always been first quality.

Like Produces Like. Good Seeds. Good Results.





Mammoth Silver King.

an immense size, and are of a fine form. The skin is thin, flesh white, fine grained, of mild and pleasant flavor. Will make an onion from one pound to one and a half pounds from seed, but to grow full size onions set out the bulbs the following spring. White or Red Bermuda. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$2.75, postpaid.

PARSLEY. [Petersilie]

One ounce will sow 100 feet of drill. Hardy and easily grown. Very fine for garnishing, as well as useful in flavoring soups, etc. Soak seed for several hours and sow in rows, and if to be carried late into the fall set eight inches both ways. Will go through the winter with moderate protection.

Double Curled—An excellent variety for garnishing meats. Pkt., 5c., oz., 10c., $\frac{1}{4}$ lb., 20c., postpaid.

Champion Moss Curled—Leaves beautifully curled and mossy. Pkt., 5c., oz., 10c., $\frac{1}{4}$ lb., 20c., postpaid.

PARSNIPS. [Bassinafe]

One ounce will sow about two hundred feet of drill. Five pounds one acre. The value of the Parsnip as a vegetable is well known, but as a stock food, not so well known. It is by far more nutritious than Carrots or Turnips, and in some sections is rapidly gaining favor as an economical farm product of great value, especially for dairy stock. Cultivation is similar to Carrots, and it is growing customary to leave Parsnips in the ground over winter, as frost improves the flavor.

Large Sugar, or Hollow Crown—Deriving its name from a slight depression on the top or crown. Roots are comparatively short with small top. Roots grown mostly below the surface, and have a clean, smooth skin. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c., postpaid.

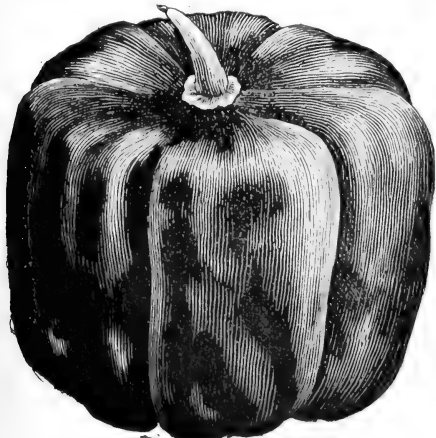
Long White Smooth—A long white root, very smooth, tender and sweet. Very hardy and a good winter keeper. Will stand the winter without protection. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c., postpaid.

PEPPER. [Pfeffer]

Pepper should be sown in hot-beds or cold frame, and transplanted about the last of May. Can be sown in the open ground when the weather becomes settled. Well fertilized, warm, mellow soil is best adapted for the culture of Peppers. Frequent applications of liquid manure should be given to get the best results.

Ruby King—Grows four to six inches in length, three to four inches in diameter. Color a bright red; very mild in flavor, used largely for stuffed pickles. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.

Large Bell, or Bull Nose—An old standard variety, used for chopped Pickles. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 45c., postpaid.



Chinese Giant.

Chinese Giant—Absolutely the largest red variety. Not only is it early in ripening and immensely productive for so large a pepper, but its enormous size will cause it to sell most readily. The monstrous fruits are of thick, blocky form, and of most brilliant, glossy scarlet. They grow four to five inches broad at the top, are of equal length, divided into four or more large ridges. The flesh is extremely mild, and unusually thick; it makes an excellent salad sliced and served like tomatoes. Pkt., 10c.; $\frac{1}{4}$ oz., 15c.; $\frac{1}{2}$ oz., 25c.; oz., 40c. postpaid

Golden Dawn—Very ornamental and productive. Sweet and mild in flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.

Red Cluster—Small and grown in bunches on top of stalk; hot and pungent. Very popular variety. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c., postpaid.

Small Cayenne—Red hot. Used for bottled Pepper Sauce. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 50c., postpaid.



Hollow Crown Parsnip.

Long Red Cayenne—Cone-shaped red pods, very hot and used largely for sauces and pickles. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c., postpaid.

Celestial—A striking oddity. A very beautiful plant—variegated. Fruit, when fully matured, a bright scarlet. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 60c., postpaid.

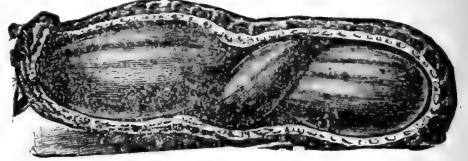
Sweet Mountain, or Mammoth—Similar to the Bull Nose, but larger and milder in flavor. For stuffed pickles, "Mangoes," 6 to 7 inches. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c., postpaid.

Small Chili—Red, conical pods, about two inches long, very hot, very prolific, used for seasoning and sauces. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 60c., postpaid.

Large Red Chili—Can be grown successfully in Southern Missouri, Arkansas, Texas and Indian Territory. Extensively used in flavoring chile-con-carne, the dish that is fast becoming so popular in restaurants and homes. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c., postpaid.

PEANUTS.

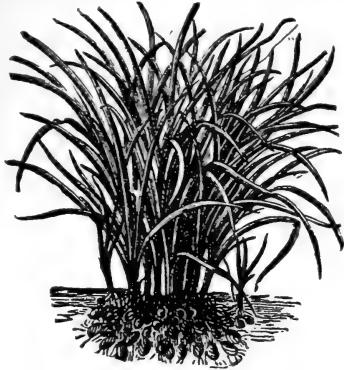
Early Virginia Peanuts—This variety is the most profitable to grow and is more desirable than the common kind. Easily cultivated, very erect stems and upright foliage, large pods and kernels. Pkt., 5c.; pt., 10c.; qt., 20c., postpaid.



Peanuts.

CHUFAS, or EARTH ALMOND.

A nice little ground nut which is greatly liked by the children. In sweetness and flavor they resemble the cocoanut or almond and are considered very nice put on the table in a fruit dish with candies, and as an after dinner relish. Very prolific, a single one yielding from two to four hundred. The nuts grow under ground, very near the surface, easily reached by pigs and poultry, and destroyed by them if they have free access. Plant in April, ten inches apart in two and one-half foot rows. Cover them lightly. If the seed is very dry, soak them well before planting. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c., postpaid.



Chufas.

CULTURE—For early peas the soil should be light and warm, but for general crop a moderately heavy soil is better. The peas will give quick returns if covered only one inch deep, and where earliness is most important they may be treated in that way, but larger pods and more of them will be produced if the seed be planted in trenches three to six inches deep, and covered with only one or two inches of soil. When the plants are five or six inches high, fill the trenches level with the surface; this will ensure deep rooting, prevent mildew and prolong the bearing season. If the peas be covered to the full depth at first, or if water be allowed to stand in the trenches, they will not germinate or grow well. The crop should be gathered as fast as it is fit for use. If even a few pods begin to ripen, not only will new pods cease to form, but those partly advanced will stop growing. One quart sows 80 feet drill; two or three bushels to the acre.

Carter's Extra Early Premium Gem—This variety is nearly as early as the American Wonder and the very productive vine is decidedly larger, growing to a height of from fifteen to eighteen inches. The pods are large and crowded with six to nine very large peas of fine quality. The seed is green, large, wrinkled, often flattened. Market gardeners use more of this sort than any other wrinkled pea. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

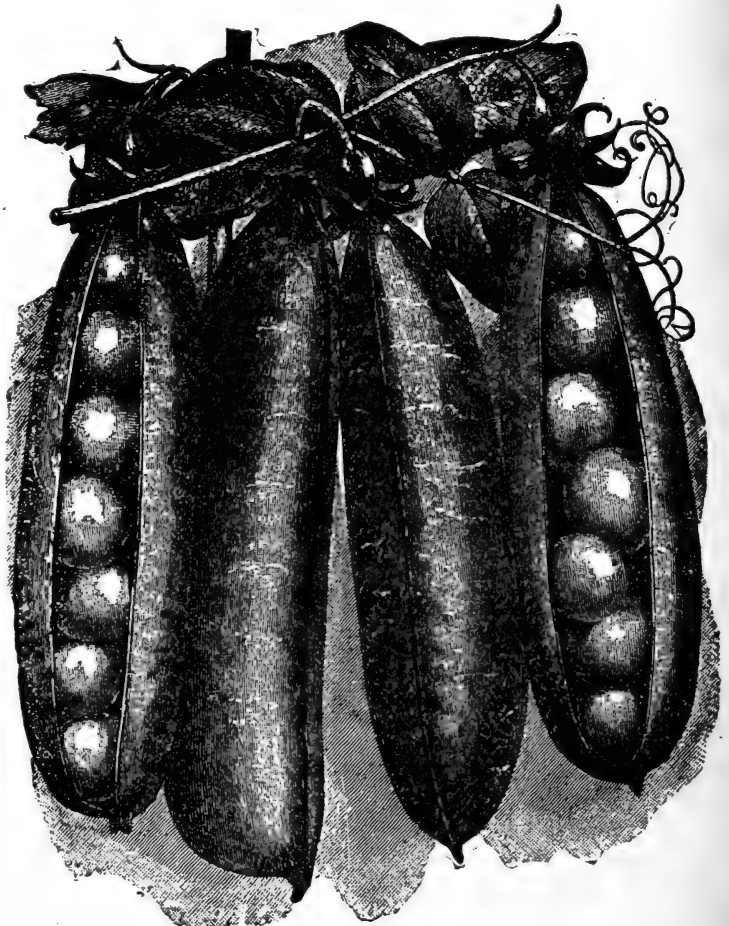
Nott's Excelsior—15 inches. Best Dwarf Wrinkled Pea. The pods average fully one-third larger than the American Wonder, and while it may not be quite so early by a few days, but all ready for picking at one time. Each pod contains 6 to 8 large peas, which are unusually sweet. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

McLean's Little Gem—Eighteen inches. A few days later than First and best. Matures in eight weeks. When in a green state the Peas are sweet and delicious. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

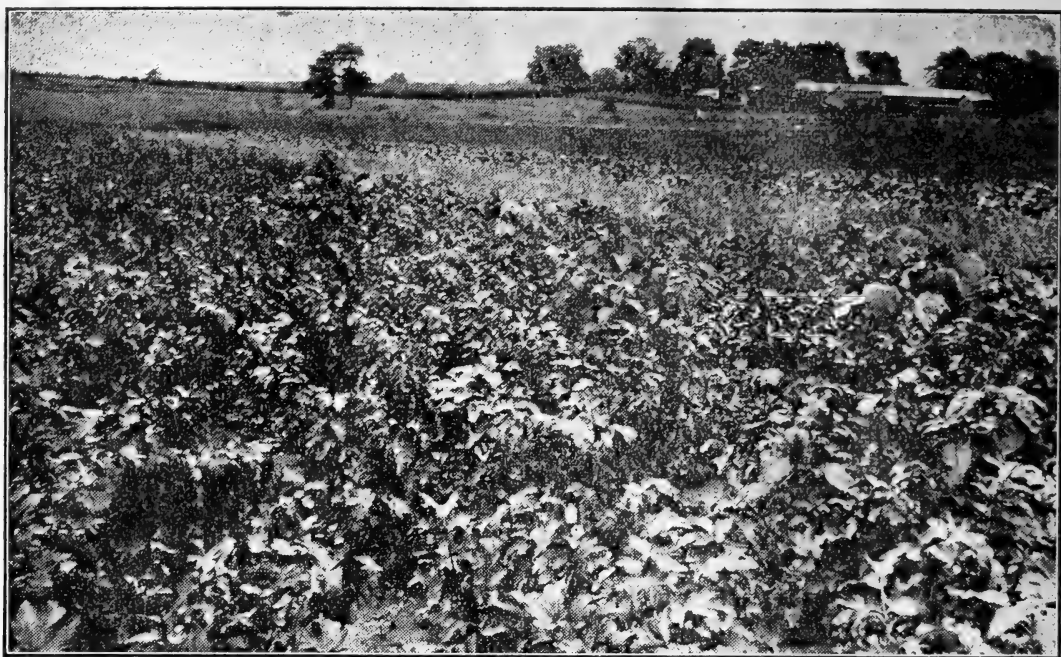
EXTRA EARLY DWARF PEAS.

(Kiebrige und hohe Erbsen.)

WRINKLED VARIETIES.



Carter's Extra Early Premium Gem.



General View of Joseph W. Draper's Vegetable Garden and Green Houses, One of Our Up-to-Date Market Gardeners.

Bliss' American Wonder—The earliest of the wrinkled Peas, and best for family use. Very dwarf, nine inches high, and remarkably productive, well filled pods, flavor unsurpassed. We heartily recommend this valuable Pea. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

Gradus—30 inches. Earliest large-podded Pea in existence. Not only large and of the highest quality, but nearly as early as round, smooth Peas. Pods average four to six inches long and contain eight to ten Peas. One of the best introductions in years and growing in favor. Pkt., 10c.; pt., 30c.; qt., 50c., postpaid.

DWARF SMOOTH SEEDED VARIETIES.

Alaska, or Earliest of All—Without doubt the earliest and best smooth blue Per, ranking with the First and Best as to evenness, uniformity in ripening and earliness. Ripens all the crop at once, and an invaluable variety for market gardeners and canners. Vines two to two and one-half feet high. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

Springfield Seed Company's Extra Early—A well screened, extra early, selected especially for market gardeners' trade, and ready for market in thirty-seven days from time of planting; height twenty-two inches. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

First and Best Extra Early—A standard extra Early sort, productive, height two and one-half feet. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

Extra Early Maud S—Pods well filled, extremely early, a fine market variety, height two and one-half feet. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

Extra Early Tom Thumb—Very early and prolific and very dwarf, growing only ten to twelve inches high. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

Dwarf Blue Imperial—An old and well known sort. While producing large peas of fair quality its place has been largely filled by wrinkled varieties which are sweeter and more tender. Height two feet, seed smooth, blue, somewhat flattened. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

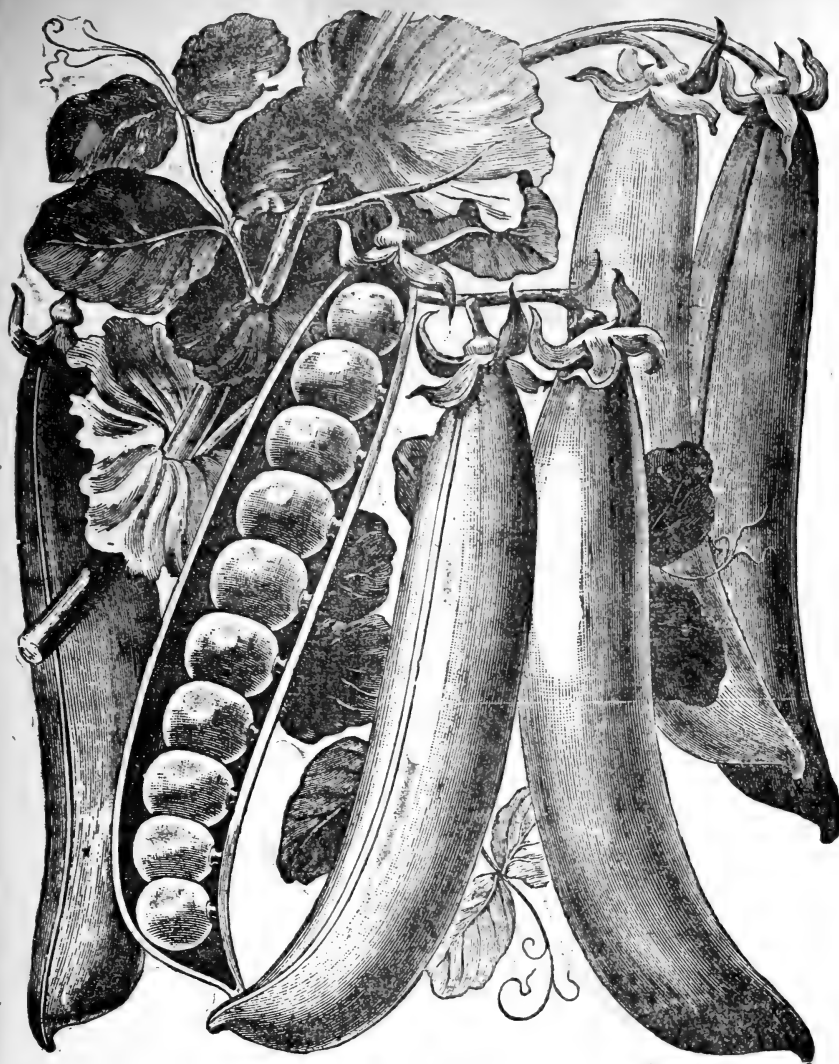
SECOND EARLY AND MEDIUM SORTS.

Black-eyed Marrowfat—This, as well as the preceding, is extensively grown as a Field Pea; hardy and productive; four feet. Pkt., 10c.; pt., 15c.; qt., 30c., postpaid.

Tall, Melting Sugar, Edible Pod—Grows to a height of about five feet; bears a profusion of large, broad pods, which are so brittle that they can be used in much the same way as a green bean. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

Dwarf Gray Sugar, Edible Pods—This most desirable of all edible pod peas. It is a new variety, growing only one foot high, and is remarkable for its prolific character. The seeds are large, shriveled and indented, of a dark brown color. The pods are flat and crooked, and contain five or six peas. A very desirable acquisition. Pkt., 5c.; pt., 25c.; qt., 40c., postpaid.

For prices on peck, half bushel and bushel lots of Peas, Beans, Corn, etc., market gardeners, truckers and large planters will please write for our wholesale price list.



Champion of England.

Champion; green, wrinkled peas of fine flavor. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

Abundance—Three feet. A deservedly popular variety, branching from the bottom and bearing abundantly roundish pods three to three and a half inches long, well filled with six or eight large wrinkled peas of excellent quality. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

Horsford's Market—Two feet. A grand, wrinkled pea, noted for its uniform growth and prodigious yield. The pods, though of medium size, are packed with peas of sweet, delicious flavor. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

Pride of the Market—Two feet. A dwarf, robust-growing, wonderfully productive variety; long, handsome, dark green pods, well filled with large peas of fine quality. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

Shropshire Hero—Three feet. A robust grower, producing abundantly long, handsome pods, well filled with large, wrinkled peas of exquisite flavor. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

Everbearing—A green seeded, wrinkled, slightly flattened variety. Height about two feet. Used for early planting; very hardy, vigorous grower and an enormous cropper. Pods and Peas of large size and superior quality. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

White Marrowfat—A favorite sort; four feet. Pkt., 10c.; pt., 15c.; qt., 30c., postpaid.

Champion of England—We offer a select strain of this grand old favorite, too well known to require extended description. It is a main crop and late variety of vigorous growth, about five feet high, producing abundantly large pods of immense Wrinkled Peas that are noted for their tenderness and rich marrow-like flavor. To equal in quality the Champion of England is the distinction attained by very few peas. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

Heroine—30 inches. Bears a profusion of long, slightly curled, pointed pods, containing eight to nine peas of fine quality. An immense cropper, yields much more than ordinary varieties. A great favorite for market purposes. Pkt., 10c.; pt., 20c.; qt., 35c., postpaid.

Telephone—Selected stock. Immensely productive. Leaves coarse; vines grow four feet high. They produce enormously, and eight or ten pods to the vine. The pods are very large; so well filled with peas of excellent quality that Telephone has become one of the most prominent late peas to be grown for the market. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid.

Advancer—Two and one-half feet. A great favorite and popularly known as the Dwarf

We deliver free to consumer Seeds in packets with liberal discounts. See Order Sheet.

Springfield Seed Company's Mixed Lawn Grass, mixed from new crop grasses. Has always given a good lawn.

Remember, we give you extras with small orders as well as large ones.

PUMPKIN. [Kürbisse]

CULTURE—The pumpkin does best on newly broken sod or prairie land, but will do well on almost any soil. The seed is usually planted among corn in hills eight by eight feet. Plant any time during May; when the frost has killed the vines, cut off the stems a few inches from the fruit and store in a dry place, using care not to bruise them in handling. One ounce of seed will plant twenty hills. Four pounds one acre.

Japanese Pie—The flesh is very thick, nearly solid, the seed cavity being very small in one end of the pumpkin. Fine grained, dry and sweet. They ripen early, keep well and produce largely. The seeds are peculiarly marked and sculptured in Japanese characters. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c., postpaid.

Tennessee Sweet Potato—Pear-shaped, color of skin and flesh creamy white; flesh thick, when cooked resembles Sweet Potatoes. Keeps late into spring. This is an old favorite pumpkin. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c., postpaid.

Small Early Sugar—A very handsome little pumpkin, with deep orange-colored skin and flesh of unusually fine sugary flavor—fine grained, very productive and keeps well. Pkt., 5c., oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.

King of the Mammoth—The giant among pumpkins; often reaches a weight of over a hundred pounds. Skin salmon colored. Flesh bright yellow, fine grained and of good quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 90c., postpaid.

Connecticut Field—A very prolific variety, valuable for stock feeding. Pkt., 5c.; lb., 35c., postpaid.

Large Cheese—The most popular for pies and table use; large, flat round, creamy yellow skin; thick orange flesh of fine quality, a splendid keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.; postpaid.

White Cashaw—A popular crook-necked variety, with a hard creamy-white shell. Thick flesh of fine quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.

Improved Green Striped Cashaw—Improvement on White Cashaw, green and white striped; flesh rich yellow, solid, fine grained, very thick, sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c., postpaid.

Write for special prices on Pumpkins in large quantities.



Japanese Pie.

NORTHERN SEED POTATOES. [Kartoffeln.]

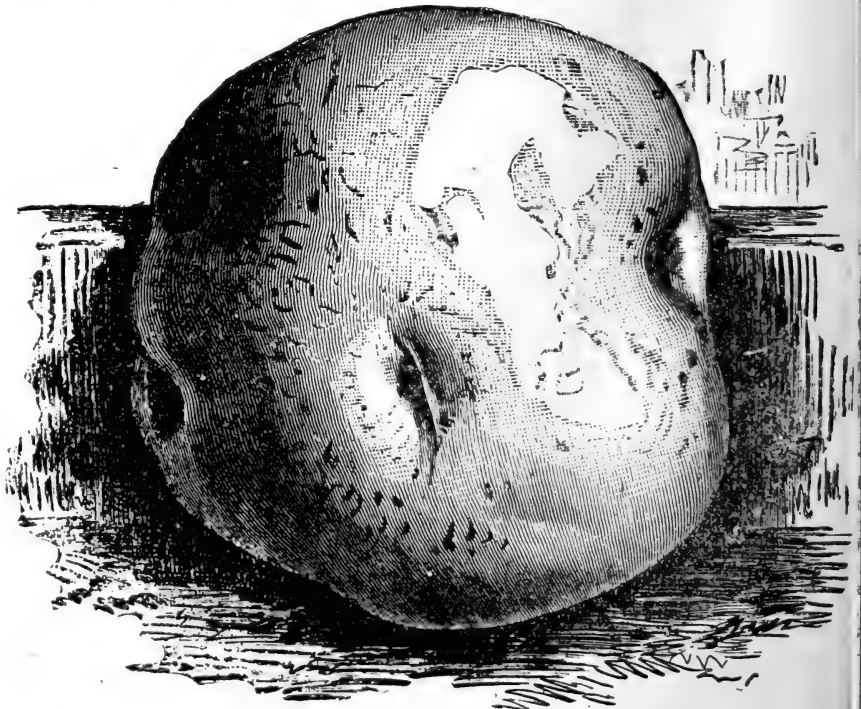
Do not compare our Seed Potatoes with the worthless mixed stock offered by some who can always fill your order for any variety, if they have any potatoes in stock at all. Our stock is always well selected as to purity, and we accept no orders that we cannot fill properly.

The quantity of strictly high grade Seed Potatoes we handle enables us to sell you the best at no higher prices than inferior stock can be bought for. Before you buy **write for prices.**

Bliss' Triumph—The earliest of all. A pink skinned sort which is rapidly supplanting all other sorts as an extra early shipping potato in the South and West. They are the first new potatoes to appear on our markets in the spring and sell readily at high prices. Hundreds of car loads are shipped each season from Arkansas, Texas and Oklahoma. The shape is almost round; they are very solid and heavy. Skin smooth and of a beautiful pink or light red color. Marvelously early and a big yielder.

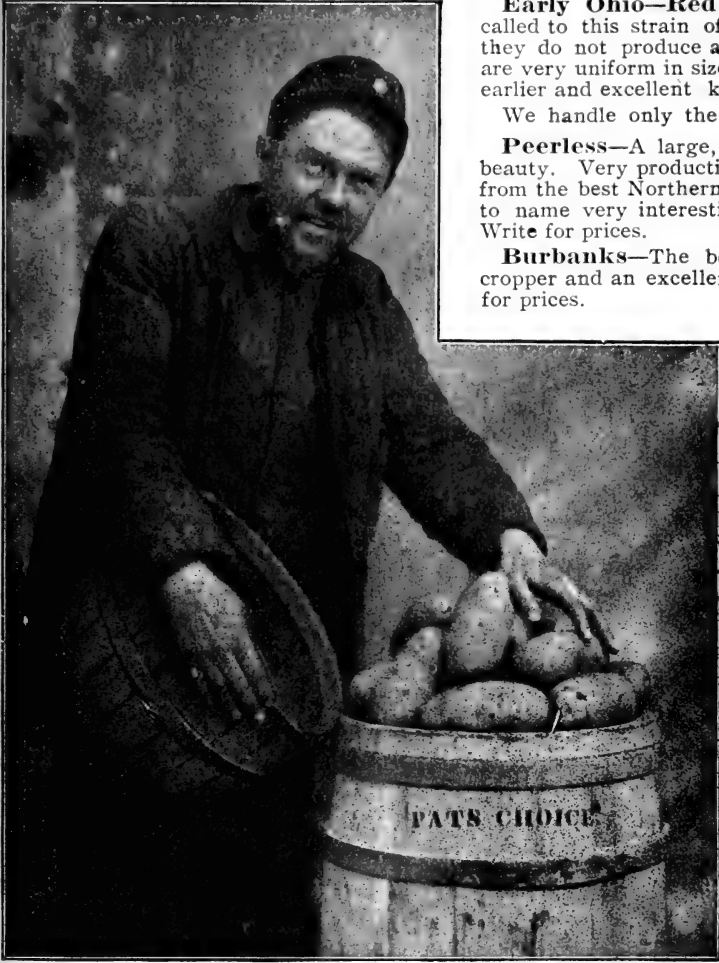
Extra Early Pingree—This potato is an extra early and a great yielder. Tubers are round and regular in form, with shallow eyes, white skin somewhat netted. They grow closely together in the hill and attain an edible size in a remarkably short time. Quality first-class, cooking up dry, white and mealy.

Early Ohio—Minnesota grown. This well known standard sort needs no description, having stood the test of years and holds its own as a favorite early potato for the home garden and the market.



Bliss' Triumph.

Pat's Choice—A splendid medium late variety originated in Minnesota. The tubers are long, smooth and handsome, skin light pink in color, with eyes of a deeper shade, and covered over with a thick netting, which always indicates excellent quality. We believe it to be the best general cropper now grown, a good seller, being remarkable for smoothness, size and beauty. Stock direct from originator.



Pat's Choice.

Early Ohio—Red River Stock. Especial attention is called to this strain of Ohios for market purposes. While they do not produce as many tubers as the old strain, they are very uniform in size, free from rust and scab, a few days earlier and excellent keepers and shippers.

We handle only the finest Seed stock. Write for prices.

Peerless—A large, round late sort of great size and beauty. Very productive. We get our Seed Potatoes direct from the best Northern growing stations, and are in position to name very interesting figures for straight, true stock. Write for prices.

Burbanks—The best late sort for our section, a good cropper and an excellent keeper. It will pay you to write for prices.

Carmen No. 3—Of perfect form, even in a dry season, almost every potato being of uniform size or shape, averaging nearly a pound in weight. It has but few eyes, which are very hollow. Skin and flesh extremely white, no dark or hollow parts, and its cooking qualities are exceptionally fine.

Rural New York No. 2—Quite distinct in appearance; flesh white; quality excellent; shape nearly round, somewhat flattened. Tubers large to very large, but not rough or irregular; eyes quite small; form symmetrical. One of the best late sorts. An enormous yielder.

Springfield Seed Company's Early Six Weeks—This potato has a great record as a drought resister. Dry weather does not hurt it, and makes itself in six weeks. The Six Weeks Market Potato not only is an extra early sort, it is a variety that is good all summer and fall, and is marketable any time after forty to fifty days from planting. Many market gardeners had potatoes

in less time. In fact, it is a perfect potato in every respect.

Vigorosa—A fine second early, being about six days later than Triumph or Pingree. Handsome in appearance and color. Always a ready seller. We would especially recommend it to the market garden trade as a cropper, a seller and keeper.

True Early Rose—The Early Rose is a standard early potato and is so well known as to need no description. We are prepared to sell fine Northern grown selected stock. Before you buy it will pay you to write for prices.



Vigorosa.

We can supply for the greater part of the season many varieties not included in this list. Write for prices.

We wish in all cases to make the lowest market prices on Potatoes. In order for us to do this, it is impossible to name prices now good for the entire season. Write us. We will name you surprisingly low figures for high grade stock.

Prices made subject to market changes, and orders filled at lowest prevailing price on date order is received.

Order a bag of Springfield Seed Company's Special Potato Fertilizer and try it this year. You will be amazed at the increased yield. Price per 100-pound bag, \$1.50. Requires 200 pounds to acre.

SEED SWEET POTATOES. *Süß Kartoffeln.*)

Write for prices.

**Vineless or Bunch Yam,
Yellow Nansemond,
Yellow Jersey,**

**Southern Queen,
Red Nansemond,
Red Jersey.**

**White Brazilian,
Red Bermuda,
Yellow Yam,**

Early Golden,

Key West.

Owing to the perishable nature of Sweet Potatoes, our responsibility ceases upon delivery to railroad company and receipted for in good condition.

For prices on Sweet Potato Plants see Page 31

RADISH. *(Rettige.)*

One ounce of seed will sow 100 feet of drill. Radishes are chiefly cultivated for their roots, although many times the young leaves are used as a salad, and the green seed pods often for pickles. Should be sown early in the spring, and for the best results on a rich, sandy soil.

Early Scarlet Turnip—The popular standard; of medium size, bright scarlet color, rapid grower, and of mild flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c., postpaid.

Early Scarlet Turnip, White Tipped—A beautiful variety, deep scarlet, with white tip. It is very ornamental for table use, and is becoming very popular as a market variety. It is of the same size and shape as the scarlet turnip variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c., postpaid.

Philadelphia White Box—Perfect turnip shape; a long cropper, remaining solid, sweet and juicy long after having reached maturity. Grows rapidly and very desirable for forcing purposes.

Early White Turnip—Similar to Philadelphia White Box.

Scarlet, Olive Shaped—An old favorite, half-long, oval-shaped variety, maturing in twenty-five days. Bright scarlet; flesh white, crisp and mild. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c., postpaid.

White, Olive Shaped—Similar to the above in shape, size and maturity, excepting the skin is pure white. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c., postpaid.

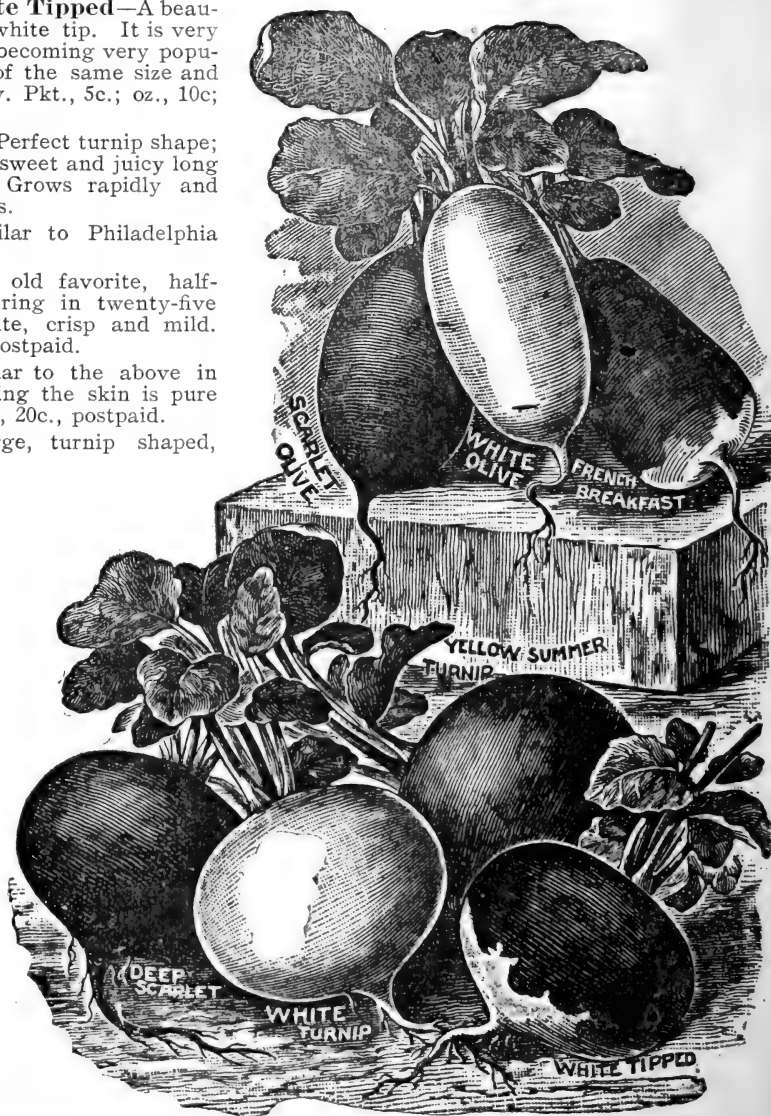
New Champion—Extra large, turnip shaped, blood red, very fine.

French Breakfast—A favorite, oval-shaped, bright scarlet Radish, with white tip; fine for either open ground or forcing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c., postpaid.

Yellow Summer Turnip—An excellent summer and fall sort, best to stand the heat; can be sown late; is a general favorite with market gardeners; large, oblong, russet color.

The Triumph Radish—An early, round radish, white, with horizontal stripes of bright scarlet. Either for hot bed or open ground. With its bright scarlet stripes it is strikingly handsome and attractive, making it valuable as a novelty for the garden or on the table. Has short leaves and is of very quick growth. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c., postpaid.

Get up a club among your neighbors and get the benefit of the discount.



Crimson Giant Forcing—It is an entirely new type and differs radically from all the varieties hitherto in cultivation, in so far as its roots attain more than double the size of those of other forcing varieties without getting pithy or hollow. The new Giant Radish develops roots of six to seven inches in circumference and over an ounce in weight, their pure white flesh remaining firm and crisp and of the mildest flavor. But notwithstanding the extraordinary size and weight of its bulbs, it is second to none as a forcing variety. We can recommend this new variety as an article of undoubted excellence. It will soon become widely popular and is certain to take a leading place among the standard varieties of Radish. Price per pkt., 15c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50, postpaid.



Crimson Giant.

White Strasburg—Of handsome, oblong, tapering shape; both skin and flesh are pure white. The flesh is firm, brittle and tender, and possesses the most desirable character of retaining crispness even when old and large. Excellent for summer use, and withstands severe heat and grows very quickly.

Improved Chartier—(Scarlet, white tip)—A distinct, exceedingly handsome and attractive sort. Color of the top is scarlet rose, shading into pure waxy white at the tip. Attains a very large size before it becomes unfit for the table; undoubtedly the best all seasons Radish for the open ground. Ready for use or market nearly as early as Long Scarlet Short Top, and keeps crisp and tender for two months. Planted late it makes a good winter keeper.

St. Louis White Summer—Very similar to Strasburg, but somewhat longer.

Early White Giant Stuttgart Summer—(Round)—A large grower, top-shaped and long keeper, all white, smooth, brittle, never pithy, second early; also extra variety for late planting.

Half Long Deep Scarlet—A variety half the length of Long Scarlet and of same form. Matures in twenty days.

Long White Vienna, or Lady Finger—One of the finest and most popular of the long Radishes, growing six to eight inches in length, beautiful in shape, skin and flesh pure white.

Market Gardener's Long Scarlet—A variety more largely used, perhaps, than any other for outdoor planting. Growing six to eight inches in length, and possessing all the qualities of a fine Radish.

Wood's Early Frame—A sub-variety of the Long Scarlet, not quite so long and a little thicker, of brilliant scarlet color, mild, brittle, of fine flavor and the most suitable for forcing and early market garden.

All Seasons, or Celestial—Has proved of great value as a summer and fall sort, keeping also quite well for winter use. Has large ivory white roots of excellent quality.

Prices, where not otherwise specified, on above varieties of Radishes: Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 50c., postpaid.

We are Springfield agents for Planet. Jr., Garden Tools. Write for Catalog.

Winter Varieties. (Winter-Rettige.)

Chinese Rose—Flesh white, firm and of a superior quality. Skin of a bright rose color.

Long Black Spanish—Very hardy and very large sort. Flesh solid and a good keeper.

Round Black Spanish—Globe-shaped, black-skinned, white flesh and very hardy; highly flavored.

Long White Spanish—Valuable for winter use. Should be better known.

California Mammoth White—Winter sort, flesh white, excellent quality, largest of all.

Prices on all varieties Winter Radish: Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 60c., postpaid.

RHUBARB, (Pie Plant.) (Rabarber.)

Linnaeus—Early, large, tender and very fine. Pkt, 5c.; oz, 20c, $\frac{1}{4}$ lb. 50c, postpaid.

Victoria—Very large, the finest cooking variety. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 50c, postpaid.

RHUBARB ROOTS—Good strong crowns of three or more eyes; each, 10c.; dozen \$1.00, freight or express.

HORSE RADISH SETS. (Meerrettig=Wurzel)

A condiment in good demand, winter and spring. Culture.—Multiplied by sets or root cuttings. Plant in rows two or three feet apart and 15 to 18 inches apart in the rows. Insert sets in deep, rich, moist soil in perpendicular position, with crown three to six inches below surface. Repeat yearly for best quality. Set at rate of 10,000 to 15,000 roots per acre.

California Mammoth White—A very fine winter sort of immense size and an excellent keeper. Sets 25c. per dozen; 90c. per 100, by mail, postpaid. By express or freight, purchaser paying charges, 50c. per 100; \$4.00 per 1,000.

Try our Mixed Lawn Grass for a good lawn. Put up in one pound cartons. Per lb., 25c.; per bu., in bulk, \$3.50.

SALSIFY. (Vegetable Oyster). (Schwarzwurzel.)

One ounce will sow 50 feet of drill. Why don't you grow Salsify? We are certain if you grow it one year you will never be without it. Salsify is one of the most delicious and nutritious of vegetables, and should be more generally cultivated for use in winter, when the supply of really good vegetables is so limited. It has the true oyster flavor, and makes a delicious and inexpensive substitute for them in soup, etc. Cultivate like parsnips.

Mammoth Sandwich Island—Averages fully double the size of the old Long White. Roots are white, smooth, and notwithstanding their enormous size, are of superior quality. Pkt., 5c.; oz, 15c; ¼ lb., 35c., postpaid.

Large White—The common variety, roots medium sized, smooth; flesh white. Pkt., 5c; oz, 15c; ¼ lb, 35c., postpaid.

SPINACH. (Spinat.)

One ounce will sow 80 feet of drill; 10 lbs. to the acre. The finest plant for "greens" in cultivation. For summer, sow early in spring in deep, rich soil, in drills one foot apart; cover one inch. Sow at intervals of two weeks throughout the season. For very early spring use, sow the winter varieties first of September, protect by covering with straw.

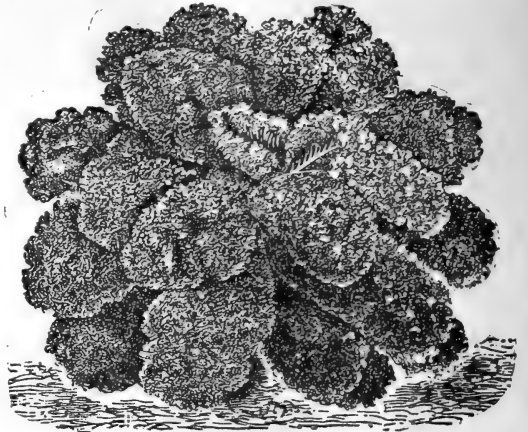
Bloomsdale, or Savoy Leaved—Leaves large, thick and succulent. Curled and wrinkled like Savoy Cabbage. The hardiest and most productive sort. Oz., 5c; ¼ lb., 10c; lb.: 35c, postpaid.

Round Thick Leaf—An excellent standard variety for spring sowing. Oz, 5c; ¼ lb., 10c; lb, 35c. postpaid.

Long Standing—A very valuable sort, slow to seed. Oz, 5c; ¼ lb, 10c; lb., 35c, postpaid.

Prickly Winter—Use for fall sowing as it is extremely hardy. Seeds prickly, leaves not so large as those of other varieties. Oz, 5c; ¼ lb, 10c; lb, 35c, postpaid.

Write for prices on Spinach in large quantities.



Bloomsdale Savoy Leaved Spinach.

SQUASH. (Kurbisse.)

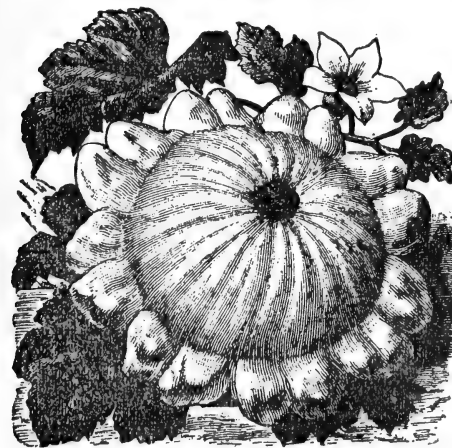
White Bush, or Pattypan—A pure white slightly ribbed variety, flat, very early, and a great favorite. Pkt. 5c., oz 10c.; ¼ lb. 30c, postpaid.

Mammoth Yellow Bush—Very similar to White Bush, except in color. It is a deep golden yellow, very productive and of fine quality. Pkt. 5c; oz, 10c; ¼ lb, 30c, postpaid.

Essex Hybrid—This is not only one of the richest flavored, finest grain and sweetest of all squashes, but it is also one of the very best keepers that we know of. Short cylindrical shape, having on the blossom end a small cap-shape enlargement. The flesh is dry, sweet and thick, and of a bright orange color. Pkt. 5c; oz, 15c; ¼ lb. 40c, postpaid.

Golden Hubbard—A perfect type of the Green Hubbard except in color, which is a bright, deep orange yellow; It is very handsome, attractive and a ready seller. Quality and flavor the best. Pkt 5c; oz, 10c; ¼ lb, 30c, postpaid.

Marblehead Mammoth—It is unquestionably an excellent keeper and is finer grained and dryer than any sort we have seen. About the size of the Hubbard, with shell of bluish-green and bright orange flesh. Requires the whole season to mature. Pkt. 5c; oz, 15c; ¼ lb 45c, postpaid.



White Bush Squash.

Mammoth Chili—The "Jumbo" of the Squash family. The form is round, flattened at both stem and blossom end. The color is a rich orange yellow; skin is quite smooth, with wide fissures. Flesh is very thick and of a rich yellow color; the quality is good and nutritious. They are most profitable to grow for stock feeding. They keep well throughout the entire winter. Pkt, 5c; oz. 10c; ¼ lb 35c, postpaid.

Faxon—The flesh is a deep orange yellow, cavity very small and seeds few; the special peculiarity, however, is that while uncooked it appears to have a shell like any Squash, but when cooked there is practically none, the shell, or inedible part, being only about as thick as a sheet of writing paper. It is sweet, very dry, matures early and can be used as a summer Squash. Pkt., 5c.; oz., 10c.; ¼ lb., 35c., postpaid.

Giant Summer Crookneck—Much larger than the common variety and a great seller. Very early. Has a rough, warty surface, a deep orange yellow color. Pkt., 5c.; oz., 10c.; ¼ lb., 25c., postpaid.

Hubbard—It still retains its place as the standard of all winter varieties; hard shell and a good keeper. Too well known to need further description. Our seed is well selected and will give entire satisfaction. Pkt, 5c; oz, 10c; ¼ lb, 30c, postpaid.

All prices quoted in this Catalog are subject to market changes owing to short crops of most varieties of Seed. Higher prices will probably prevail, and we urge our customers to order before stocks are depleted.



Giant Summer Crookneck.



Chicago Warded Hubbard.

Fordhook—A most excellent new Squash, of handsome appearance, yellow outside and straw color within. The flesh is as dry as Pike's Peak and of the most delicious flavor. It ripens early, and is one of the best keepers we know of. It can be kept all through the winter until June. It is very prolific, and bug and borer proof. We can highly recommend it to our customers. Pkt. 5c; oz, 10c; $\frac{1}{4}$ lb, 30c, postpaid.

Chicago Warded Hubbard—The ideal Hubbard for home or market. Very large and uniform in size. Has a rich dark green skin which is rough and heavily warty. It attracts when placed on display and sells readily when other kinds are a drug on the market. The vines grow strong and vigorous and are as productive as the old variety. Pkt., 5c; oz, 10c; $\frac{1}{4}$ lb., 30c, postpaid.

Winter Crookneck—Vines long, hardy and vigorous; size medium. Flesh solid and of good flavor. Salmon color. Pkt., 5c; oz, 10c; $\frac{1}{4}$ lb, 30c, postpaid.

Boston Marrow—Extensively grown and most profitable for winter use and canning. Flesh orange, fine-grained, splendid for pies and as a winter keeper. Pkt., 5c; oz, 10c; $\frac{1}{4}$ lb; 30c, postpaid.

TOMATOES. (Liebes-Apfel.)

Sow the seed in a hot-bed the first week in March, in drills half an inch deep. When the plants are about two inches high transplant into another hot-bed or into small pots, one plant in each pot; in that way the plants are strengthened and branch out better. Set the plants out about the first of June, about three feet apart, for early crop, mixing a shovelful of well-rotted manure in each hill. For late crops, or where the soil is heavy, plant four feet apart. Water freely when transplanting and protect from the sun for a few days until the plants are fairly started. A few plants may be raised by sowing seed in a pot or a box in the house.

Beauty (Livingston's)—A very fine variety of large size; grows in clusters of four or five; color glossy crimson with a purplish tinge. Very solid with a tough skin, making it a desirable market variety. Pkt., 5c; oz, 20c; $\frac{1}{4}$ lb., 50c, postpaid.

Atlantic Prize—This is the largest, smoothest, best flavored and brightest colored extra early Tomato. Vine medium, size, with few leaves, very hardy, bearing the fruit low down on the stem and in enormous clusters, which ripen all together. Pkt., 5c, oz, 20c, $\frac{1}{4}$ lb, 50c, postpaid.

Crimson Cushion—Of immense size, one to two pounds each; smooth, almost seedless and solid as beefsteak; a prodigious and continuous bearer until frost, color rich crimson scarlet; quality meaty and superb, either sliced or cooked. Pkt, 10c; oz, 60c; $\frac{1}{4}$ lb, \$2.00, postpaid.

Matchless—A large, bright red Tomato, which has become very popular in the East. The fruit is large, very smooth and symmetrical, ripening well to the stem. The flesh is of a bright, rich red color and of fine quality, though softer than that of either Improved Trophy or Stone. Pkt, 5c; oz, 25c; $\frac{1}{4}$ lb, 65c, postpaid.

Magnus—A handsome late Tomato, for main crop; large, deep; solid and heavy fruits of purplish-red color; borne in clusters, very productive; plant vigorous. Pkt, 10c; oz, 25c, $\frac{1}{4}$ lb, 75c, postpaid.

Buckeye State—A late, purple fruited variety, and we think one of the best late sorts. The vine is exceptionally strong and vigorous. It should be given more room than most. Fruit very large, round, smooth and of good quality. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 60c, postpaid.

Improved Trophy—First of modern improved kinds. Our Improved Trophy is a sort whose large, vigorous and productive, solid, smooth, fine flavored, beautiful fruit, will satisfy the most exacting. Much liked for canning as well as fresh. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 50c, postpaid.

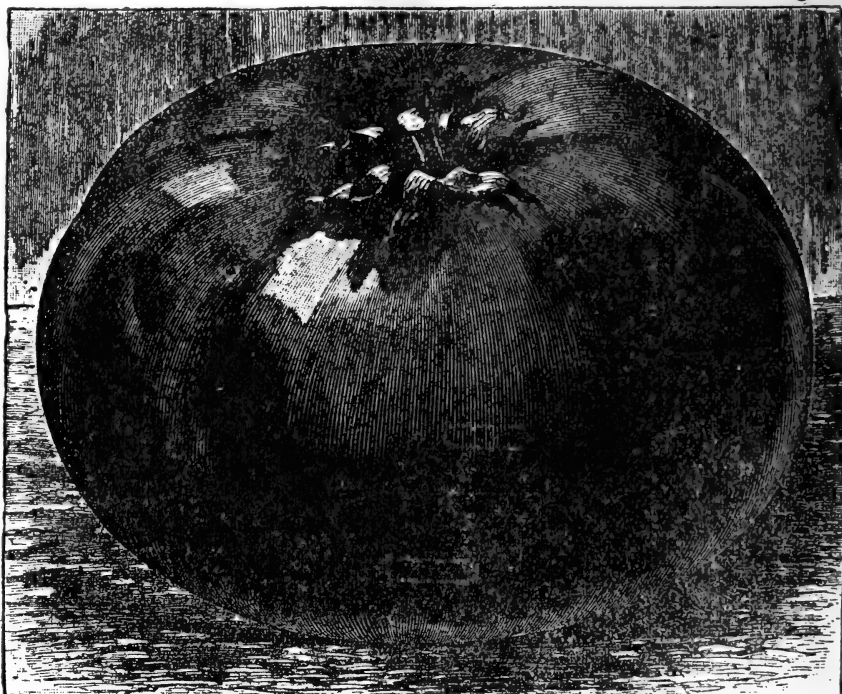
Golden Queen—The superior flavor of the yellow varieties is bringing them into favor as a table fruit; and those who think of a yellow Tomato as rough fruit of the old yellow sort will be surprised at this smooth, beautiful fruit, it being as smooth as the best of the red varieties, and of a fine and distinct flavor. Pkt, 5c; oz, 25c; $\frac{1}{4}$ lb, 75c, postpaid.

Red Cherry—Fruit small, about five-eighths of an inch in diameter; perfectly round and smooth. Fine for pickles and preserves. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 60c, postpaid.

Royal Red—Royal Red is a first-class main crop variety for the shipper, market and private gardeners; of special value to the canner and catsup maker. Pkt. 5c; oz, 20c, $\frac{1}{4}$ lb, 60c, postpaid.



New Stone—Unquestionably the best general crop Tomato in cultivation for the home garden and for the canner. For the market gardener it stands without a peer. For several years we have made a specialty of our New Stone Tomato with remarkable success. Our strain this season is of the same grade of seed as heretofore. We feel assured of the patronage of those who have used our New Stone, and would ask of those who have been buying elsewhere to give us a chance to make you prices. It has been our custom to supply affidavit of germination to canners. Write for special prices in large quantities. Pkt. 5c; oz, 20c, $\frac{1}{4}$ lb, 50c, postpaid.



New Stone.

Dwarf Champion

—A new and valuable variety, entirely different from all other sorts in style of growth; being dwarf and compact stands straight up with thick, short jointed stems

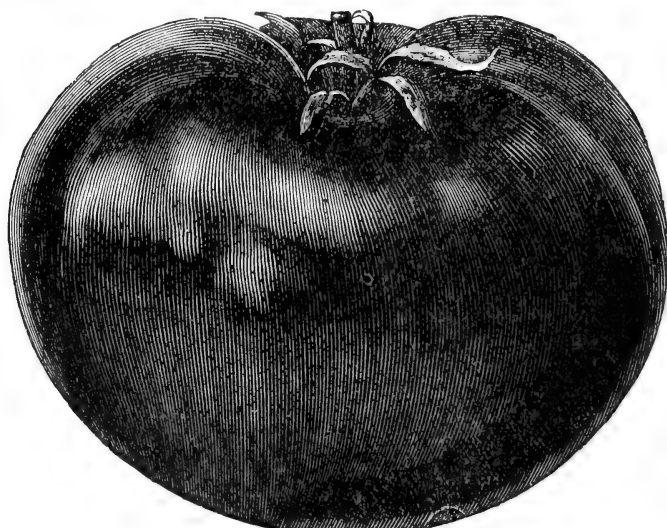
and on this account it is very valuable, as it can be planted exceedingly close and still leave plenty of room to gather the fruit. An extra early sort and therefore valuable to market gardeners, as the first Tomatoes in the market always command the highest price. The fruit is of purplish pink color, round and smooth, greatly resembling the Acme; flesh very solid and of the finest quality. Pkt, 5c; oz, 25c; $\frac{1}{4}$ lb, 70c, postpaid.

New Dwarf Stone, (Livingston's)—In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The fruit resembles Livingston's Stone in color, shape, and what is more remarkable, it is almost the same in size. The Dwarf Stone is fully Double the size of Dwarf Champion, and yet equally as early. It is fully as prolific, and consequently vastly more productive. Pkt, 15c; $\frac{1}{2}$ oz, 30c; oz, 50c, postpaid

Acme—An old-time popular variety, having at all times given entire satisfaction. Round, smooth, purple. Our seed is of good selection. Pkt. 5c; oz, 20c; $\frac{1}{4}$ lb, 50c, postpaid.

Favorite (Livingston's)—Ripens evenly, and as early as any good variety, holding its size to the end of the season; very prolific; good flavor, few seeds, flesh solid. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 50c, postpaid.

Perfection—(Livingston's)—Larger in size than the Acme; color, blood-red; it is one of the first to ripen; almost round in shape, perfectly smooth and very solid; of the best quality; enormously productive. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 50c, postpaid.



Ponderosa.

erosa—Not only the largest-fruited Tomato grown, frequently weighing two to four pounds each, but the handsomest and finest in quality; almost as solid as beefsteak, nearly seedless, with firm, meaty, rich red flesh; unequaled and delicious either sliced, cooked, or canned; a healthy, luxuriant grower, prodigious and continuous yielder from early in the season until frost. Pkt, 10c; oz, 35c; $\frac{1}{4}$ lb, 90c, postpaid.

Mikado—A medium early, very large, fruiting variety; solid, smooth and usually perfect in form; plant vigorous, growing "potato" leaved. Pkt, 5c; oz, 25c; $\frac{1}{4}$ lb, 75c, postpaid.

Spark's Earliana—Fruit of large size, handsome shape and color. In solidity and quality equal to any. Has proved very remunerative to growers for market. Grows in clusters of five to eight fruits. Ripens clear to the stem and does not crack. Pkt, 10c; oz, 30c; $\frac{1}{4}$ lb, 75c, postpaid.

We make a specialty of Tomato Seed for canners. Write for prices on large quantities.

Yellow Cherry—Differs from the preceding in color only. Pkt, 5c; oz, 25c; 2 oz, 40c; $\frac{1}{4}$ lb, 75c, postpaid.

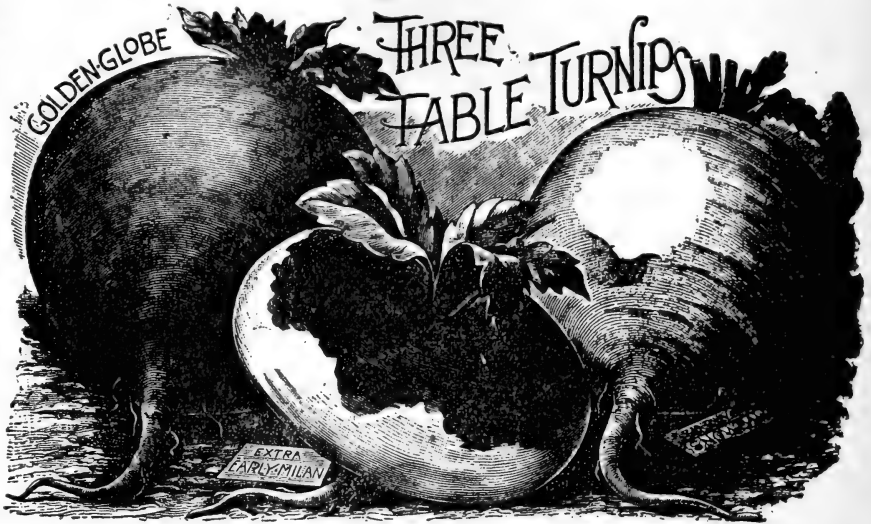
Pear Shaped Red and Yellow—Small fruit, growing in clusters. Exceedingly productive. Much used for preserving. Each, red or yellow, per pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 60c, postpaid.

Husk Tomato or Ground Cherry—This is liked by many for preserving or eating from the hand. Pkt, 5c; oz, 30c, 2 oz, 45c; $\frac{1}{4}$ lb, 75c, postpaid.

TURNIPS (Runkel-Rüben)

One ounce will sow 150 feet of drill; one to one and one-half pounds to the acre. For the early Spring and Summer crop, get them started as soon as possible so they may have grown to a sufficient size before hot weather. For the main crop sow the middle of July to the last of August. For feeding stock in Fall or Winter, there is nothing superior to the Turnips and Ruta Bagas, as they yield a larger amount of food than anything else on the same space of ground.

Extra Early Purple Top Milan—The earliest in cultivation. The bulb is very flat of medium size, quite smooth, with a bright purple top. Leaves few, short and light color, growing very compact and making an exceedingly small and neat top. The pure white flesh is of the choicest quality, hard, solid and fine grained. It is an excellent keeper. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 20c; lb, 70c, postpaid.



Extra Early White Milan—Very similar to the preceding except the skin is a pure white, thus making it especially desirable for forcing. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; lb, 65c, postpaid.

Early Snowball—(Extra Early)—This is a small white globe, very quick, earliest in maturity of its form and character. We highly recommend it for table purposes. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 20c. lb, 75c, postpaid.

Pomeranian White Globe—This is one of the most productive kinds, and in good, rich soil roots will frequently grow to twelve pounds in weight. It is one of perfect globe shape. Skin white and smooth. Leaves large and dark green. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 15c; lb, 45c, postpaid.

Long White, or Cow Horn—Grows very thickly, partly above ground. Very productive. Flesh white, fine grained, sweet and of excellent quality for family and market gardener's use. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 15c; lb, 50c, postpaid.

Early White Egg—An egg-shaped variety for spring or fall sowing. Flesh white, firm, fine grained, mild and sweet. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 20c; lb, 50c, postpaid.

Golden Globe—One of the best varieties for a field crop for stock. Flesh yellow, fine grained and sweet. Color of skin yellow, top green. Hardy, keeps well, a good cropper. Very popular in the South. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 20c; lb, 60c, postpaid.

Large White Norfolk—A standard sort, usually grown for feeding stock, but like other large white varieties, though a little coarse, it is of very good quality for the table. The roots are large, spherical, or slightly flattened, and very white. It is allowed to stand out during the winter in the South and Southwest, where the tops are used for greens. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 15c; lb, 45c, postpaid.

Early White Flat Dutch (Strap-Leaved)—This is a popular early Turnip for table use. For autumn and early winter use; this and the Purple Top are highly popular; but as they become over-ripe with age, and in keeping lose somewhat of their succulence, they need to be succeeded by the Pomeranian Globe or the Amber Globe. Pkt., 5c; oz, 10c; $\frac{1}{4}$ lb, 15c; lb, 45c, postpaid.

Seven Top—Cultivated extensively for the tops, which are used for greens. It is hardy and will grow all winter, but does not produce a good root, and is only recommended for the tops. Pkt., 5c; oz, 20c; $\frac{1}{4}$ lb, 15c; lb., 35c, postpaid.

Yellow Aberdeen—Excellent for cattle feeding. Pkt., 5c; oz, 10c; $\frac{1}{4}$ lb, 20c; lb, 50c, postpaid.

We are unable to make definite prices on Field Seeds, Seed Potatoes, etc., in quantities in this Catalog. If you will write us, sending us a list of your probable requirements, we shall be glad to quote our lowest prices by mail.

SMALL ORDERS—We take as much pains to fill small orders promptly and correctly as we do large ones. Do not hesitate to write us if you want a single packet.

Our aim is to fill all orders the day received, but during the busy season it is sometimes impossible. Order early and avoid delays.

Purple Top (Strap-Leaved)—The standard for this part of the country. Superior for early or late planting. Round, flat, good-sized, small top with but few leaves. Flesh very fine grained. Flavor good. Pkt., 5c; oz, 10c; $\frac{1}{4}$ lb, 15c; lb, 45c, postpaid.



Purple Top White Globe.

You cannot do better than to plant some of this seed. Pkt., 5c; oz, 10c; $\frac{1}{4}$ lb, 15c; lb, 40c, postpaid.

Purple Top White Globe—A variety of decided merit. Globular shape, very handsome and a very superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, an excellent keeper. Pkt., 5c; oz, 10c; $\frac{1}{4}$ lb, 15c; lb, 45c, postpaid.

Prices herein are postpaid. If ordering by freight or express, deduct 8 cts. per lb.

Superb Mixture of Turnips—This mixture contains all the leading varieties of both early and late, and by sowing the seed a continuous supply may be had throughout the season.



Purple Top Strap Leaf.

Our Turnip Seed is American Grown, and is much superior to seed sometimes offered at a cheaper price.

Ruta-Bagas

Swedish or

One ounce will sow 150 feet of drill; two pounds will sow an acre.

CULTURE—Should be sown from the 20th of June to the middle of July, in drills two feet apart, and thinned out at the first working to 10 inches between plants. Flesh close-grained, hard; will endure considerable cold. The roots are best preserved in a pit or cellar during the winter, and are excellent for the table early in spring.

FOR STOCK.

American Purple Top—For years a great yielder and unsurpassed for stock feed. Tops small, bulbs very large, sweet and of the richest flavor.

White Russian, or Large White Ruta-Baga—Grows very large, excellent for table or stock. Flesh firm, white and solid. Has a very rich and sweet flavor, the best keeper of any.

Skirving's Purple Top—Attains an immense size. Yellow flesh, fine flavor, solid and a very good keeper. Very nutritious.

Imperial Hardy Swede—Grows to a large size with a single tap root and produces a fine bulb, always of good quality, and is one of the best for winter use.

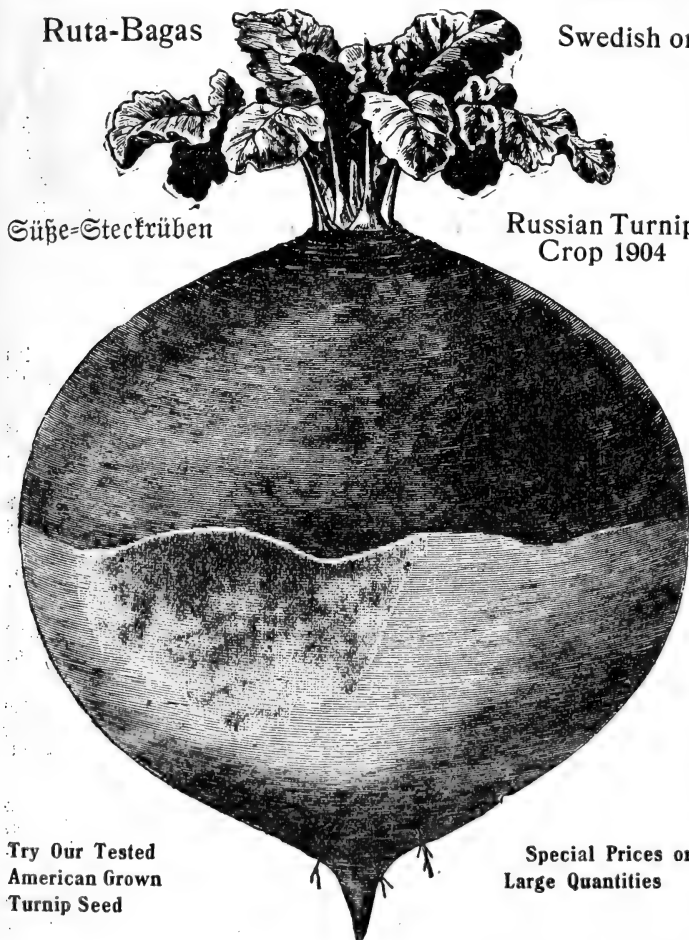
Prices: Pkt., 5c; oz, 10c; $\frac{1}{4}$ lb, 15c; lb, 45c, postpaid.

Our Mixed Lawn Grass has been thoroughly tested by some of the most prominent parks, clubs and other public places where large and moving crowds congregate, and as a Lawn Grass we believe it has few equals.

If our special Lawn Mixture is good enough for public parks, is it not a superior article for private lawns? It will stand heavy tramping and extremes of seasons. Try it.

Süße=Steckrüben

Russian Turnip
Crop 1904



Try Our Tested
American Grown
Turnip Seed

Special Prices on
Large Quantities

TOBACCO.

Virginia Pedigree Tobacco Seed, Crop of 1904.

We make a specialty of select Virginia Tobacco Seed. Tobacco succeeds best on rich, sandy loam. Heavy new soil produces a coarse leaf. The most desirable fertilizers are Wood ashes, Commercial Potash and Guano. Seed bed should be carefully prepared and must be very loose and light at time of planting. Sow seed as early as possible after danger of frost is over. When six inches high transplant into rows four feet apart each way and cultivate thoroughly.

To avoid delays when ordering late in the season it would be well to note your second choice in the event that we are sold out of the varieties ordered.

We seek your patronage and know that we can please you. Try us.

Our Tobacco Seed is the highest quality obtainable.

STANDARD SORTS.

Connecticut Seed Leaf,	Sweet Oronoco,	White Burley,	Missouri Broad Leaf,
Red Burley,	Yellow Pryor,	Gold Finder,	Big Havana.

Pkt., 5c; oz, 20c; ¼ lb, 65c, postpaid.

Bonanza—A White Burley cross on Yellow Oronoco, and a very superior one, possessing the qualities of both parents beautifully blended, and for the manufacturing types most popular and in the greatest demand. It is superior to either of them, for it is tougher than the Burley, and more porous than the Oronoco, and therefore makes superior Wrappers, Cutters and fillers. It stands the vicissitudes of seasons better than the Burley. Pkt., 5c; oz, 10c, postpaid.

Climax—A cross of Burley on Sterling, and a most decided acquisition to the Bright lists, that cannot fail to win high favor, as it possesses every characteristic of a superlatively fine Bright. The newest, and bids fair to head the list. Recommended with confidence. Pkt., 5c; oz, 40c, postpaid.

Hyco—A fine variety and the easiest of all cured yellow. Fine texture, good flavor and sells well. A hybrid Oronoco and Gourd Leaf. A beautiful and desirable variety. Pkt, 5c; oz, 25c; ¼ lb, 75c, postpaid.

One Sucker—A medium Tobacco and fine for shipping purposes. Also cures a good color if desired. It is claimed for it that the growth of suckers from it is not so large as other varieties. Pkt, 5c; oz, 25c; ¼ lb, 85c, postpaid.

Blue Pryor—The genuine James River Favorite. Rich shipper, superior to Kentucky Blue Pryor. Pkt, 5c; oz, 40c, postpaid.

Cuban Seed Leaf—Imported stock, acclimated, and makes fine Tobacco. Pkt, 10c; oz, 50c, postpaid.

Conqueror—A superb, light yellow variety. Vigorous grower, ripens early and cures to brightest color. Pkt, 10c; oz, 40c, postpaid.

VEGETABLE PLANTS. (Gemüse Pflanzen.)

We have made very complete preparations to produce plants in quantities. Special prices to growers and canners. All sorts of vegetable plants in season, our own growth. We will receive them fresh daily throughout the season, and will ship carefully packed at the following prices for shipment by express at purchaser's expense:

Early Cabbage Plants—For delivery in April and May, 30c per 100; \$2.50 per 1,000.

Late Cabbage Plants—Ready for shipment July 1st, 25c per 100; \$2.50 per 1,000.

Cauliflower Plants—March and April, 25c per dozen; \$1.75 per 100.

Celery Plants—For shipment by July 1st. Your selection as to variety, 40c per 100; \$3.00 per 1,000.

Lettuce Plants—Ready from January to May, 30c per 100; \$2.50 per 1,000.

Egg Plants—Ready in May and June. Pot grown, 60c per dozen.

Pepper Plants—Ready in May and June. Large Bell, Ruby King and Cayenne, 20c per doz; 1.25 per 100.

Tomato Plants—Good stocky plants (twice transplanted). Our specialty, ready in May and June. Will supply you throughout the season with all leading varieties, at 20c per doz; \$1.00 per 100; \$8.00 per 1,000. Seed-bed plants, \$4.00 per 1,000.

Sweet Potato Plants—All leading varieties during the season, 30c per 100; \$2.50 per 1,000.

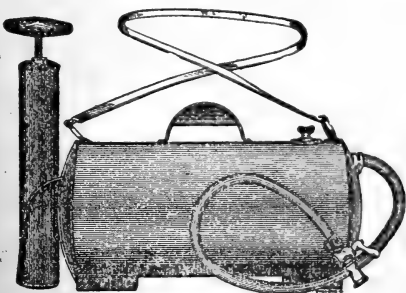
In order to facilitate the filling of orders, we request that they be sent in early. Give us ample time to select, pack and ship your order promptly. By doing so you will secure better plants, and they will reach you in better condition.

SEEDS OF SWEET AND MEDICINAL HERBS.

	Pkt.	Oz.		Pkt.	Oz.		Pkt.	Oz.
Anise.....	\$0 05	\$0 15	Sage.....	\$0 05	\$0 15	*Wormwood	\$0 05	\$0 15
Sweet Basil.....	05	15	Marjoram.....	05	15	*Balm	05	25
Coriander	05	10	Saffron	05	15	Borage.....	05	15
Dill.....	05	10	*Thyme	10	25	*Caraway.....	05	10
*Fennel.....	05	10	*Summer Savory	05	15	*Lavender	05	25
*Rosemary.....	05	25	*Tarragon.....	05	25	*Rue.....	05	25
						Sorrel.....	05	25

*Perennial and when once obtained in the garden may be preserved for years

*Perennial, and when once obtained in the garden may be preserved for years.
Prices postpaid.



Single Tank

Utica High Pressure Sprayer.

A wonder. Quickest and easiest working sprayer ever offered to the public. All the latest improvements. Brass check valves and trimmings. It takes but half a minute to charge; holds 3 gallons, and will carry a continuous spray for ten minutes. Especially adapted for spraying Potatoes, Tobacco, Fruit Trees, Nursery Stock, and to fumigate hen houses and barns. Sprayer carried by shoulder straps. Price, \$2.50.

Selected Flower Seeds

We have aimed to include in our collection of Flower Seed only standard varieties. We have procured our Seeds from the best growers in America and Europe. Our list comprises nearly all the varieties that can be successfully grown, and the seeds we offer can be fully relied upon as fresh and pure. All orders will have intelligent and honest attention.

Directions for Planting and Culture Printed on Each Package of Flower Seed.

The term "ANNUAL" is given to those plants which grow, flower, seed and die within the same year.

"BIENNIALS" are those plants that do not generally flower until the second season, and after blooming die.

"PERENNIALS" are those that do not generally flower until the second year, but will bloom for years to come.

Abutilon—(Flowering Maple.) Very popular perennial, greenhouse shrub, producing a profusion of bell-shaped drooping flowers, which vary in color in different plants from white or yellow to deep orange and crimson veined with yellow. Well adapted for house culture and for bedding outdoors. Pkt. 25c, postpaid.

Acroclinium—(Everlasting.) Very pretty, half hardy annual, producing white and rose colored, daisy like flowers in August and September. These are the "Immortelles" so desirable for wreaths in Winter bouquets. Height one foot. Roseum, light rose. Pkt, 5c; Album, pure white, Pkt, 5c; Mixed, Pkt, 5c, postpaid.

Ageratum Coralueum—Flower light blue or lavender, desirable for bouquets, furnishing continuous bloom during the Summer, and plants flower well in the house in Winter. Pkt, 5c, postpaid.

Alyssum Sweet—(White Candytuft) Blooms nearly all summer. Pkt, 5c, postpaid.

Amaranthus (Tricolor Splendens)—A hardy annual with leaves of red, yellow and green. Well known as Joseph's Coat" Pkt. 5c.

AQUILEGIA, or Columbine—Columbines produce, in May and June, large quantities of beautiful flowers, in blue, red, white and yellow, which are effective, not only on the place, but are desirable for cut flowers for vases, etc. 1 to 3 feet. Single varieties, mixed, Pkt, 5c; Double varieties, mixed, Pkt, 5c, postpaid.

ASTERS

Peony-Flowered Perfection—Very large globular flowers of perfect form with incurved petals, a very magnificent variety. Extra fine mixture, pkt, 5c, postpaid.

Chrysanthemum Flowered—Tall, fine mixed color, . pkt, 5c, postpaid. Chrysanthemum, Flowered, white; pkt, 5c, postpaid. Chrysanthemum, Flowered, purple, pkt, 5 c, postpaid.

Victoria, Benary's Prize—Flowers very large, double, beautifully reflexed; the plants bear ten to twenty flowers, with the appearance of an elegant pyramid, white. Pkt, 10c, postpaid.

New Ostrich Plume—A new type, with long wavy, twisted feathery petals, like the wavy beautiful feathers of the ostrich. They are a very valuable addition to the decorative class of Asters. Flowers frequently measure four inches across, in long, thin wiry stems. Price, mixed colors, pkt, 15c

Dwarf Pyramidal Bouquet—Eight distinct colors, mixed, pkt, 5c. postpaid.

German Quilled—Very large double flowers composed of quill shaped petals, mixed colors, pkt, 5c, postpaid.

Special Mixture—of tall varieties, made up of the most desirable colors of Victoria Perfection, Crown, Mignon and others, which will make a handsome display for bed, pkt, 10c, postpaid.

Balsam—(Lady Slipper)—Improved double Camelia Flowered. A family of beautiful annuals; large showy flowers, fine mixed, pkt, 5c, postpaid.

Balsam—Improved Double Camelia Flowered—Pure white, pkt, 5c, postpaid.

Balsam—Rose Flowered—Double mixed, pkt, postpaid.

Baloon Vine—Pkt, 5c, postpaid.

Bellis Perennis Fl. Pl.—(Double Daisy)—One of the most charming of our early spring flowers. It is a perennial plant, quite hardy, easy culture, but requires shade. Pkt, 5c, postpaid.

Chrysanthemum Segetum, Helios—This excellent novelty is a sturdy, branching plant 1½ feet high, bearing with remarkable freedom immense single Marguerite-like flowers, three to four inches across, of perfect form, much substance, and of a rich golden yellow color. It flowers the first season from seed, is a very showy garden plant, and the flowers are splendid and lasting when cut and vased. Pkt, 25c, postpaid.

Chrysanthemum Coronarium—Annual variety. Double white and yellow. Pkt, 10c, postpaid.

Chrysanthemum Carinatum—Tricolor, single mixed. Pkt, 5c, postpaid.

Calendula Officinalis Meteor—Handsome, hardy, annual. Blooms continuously all the season. Double. Pkt, 5c, postpaid.



Asters.

Calliopsis, or Coreopsis—Hardy annual plant of easy culture. One of the brightest and richest of our annuals. Adapted for cut flowers and bouquets. Tall and dwarf. Pkt., 5c, postpaid.

Canary Bird Flower—A beautiful climbing plant; flowers resemble a canary bird with wings expanded. Pkt., 10c, postpaid.

Candytuft, Asnam—White. Pkt., 5c, postpaid.

Candytuft—Mixed varieties. Pkt., 5c, postpaid.

Cauna (or Indian Shot), Crozy's Early—Large flowering. Fine mixed. Pkt., 10c, postpaid.

Cauna—Extra choice mixed. Pkt., 10c, postpaid.

Carnation—(See Dianthus).

Celosia Oristata (Cockscomb, — Beautiful large Cockscomb, mixed. Pkt., 5c, postpaid.

Centaurea Americana (Star Thistle)—Lilac. Pkt., 5c, postpaid.

Centaurea Cyanus (Blue Bottle)—Mixed colors. Pkt., 5c, postpaid.

Centauria Odorata—Sweet scented. Pkt., 5c, postpaid.

Cineraria Hybida—A well known and exceedingly brilliant greenhouse plant. Extra fine mixed. Pkt., 20c, postpaid.

Cobea Scandens—One of the finest of our summer climbers, with fine foliage and large bell-shaped flowers. Pkt., 10c, postpaid.

Coleus (Mammoth Rainbow)—The most popular and well known foliage plant grown; finely variegated foliage of striking beauty and many colors. Pkt., 10c, postpaid.

Convolvulus Major (Morning Glory)—Tall varieties. Mixed. Pkt., 5c, postpaid.

Convolvulus Minor (Morning Glory)—Dwarf varieties. Mixed. Pkt., 5c, postpaid.

Cosmos—White. Pkt., 5c, postpaid.

Cosmos—Mixed varieties. Pkt., 5c, postpaid.

Cucumis Angurus Flexuosus (Ornamental Cucumber)—Rapid growing annual. Pkt., 5c, postpaid.

Cucumis Perennis (Ornamental Cucumber)—Very fine. Pkt., 5c, postpaid.

Cypress Vine—White, Scarlet and Pink. Each, pkt., 5c, postpaid.

Cypress Vine—Mixed. Pkt., 5c, postpaid.

Chinese Lantern Plant (Physalis)—An annual bearing bright red pendant fruit, which can be used in bouquet of dried flowers. Pkt., 10c, postpaid.

Dahlia Variabilis Fl. Pl.—Double mixed. Pkt., 10c, postpaid.

Dahlia—Single. Mixed. Pkt., 5c, postpaid.

Datura Fastuosa Fl. Pl. (Trumpet Flower)—These plants bloom freely from seed the first year. Very showy. Pkt., 10c, postpaid.



Cosmos.



Chrysanthemums.

DIANTHUS, OR PINKS.

Dianthus Cariophyllus Fl. pl. (Carnation)—The most important seed novelty produced in many years, for flower beds in summer, as well as winter blooming. Plants dwarf, and flower abundantly, in great variety of colors, striped, mottled, variegated; very fragrant. Pkt., 10c, postpaid.

Dianthus Marguerite—Extra fine. Mixed. Pkt., 10c, postpaid.

Dianthus Marguerite—White. Pkt., 10c, postpaid.

Dianthus—Double. Extra fine. Mixed. Pkt., 5c, postpaid.

Dianthus Heddeewiggi (Double Japan Pink)—Fine mixed. Pkt., 5c, postpaid.

Dianthus Chinensis (Double Chinese Pink)—Mixed. Pkt., 5c, postpaid.

Dianthus Laciniatus—Double varieties. Mixed. Pkt., 5c, postpaid.

Dianthus Barbatus Fl. pl. (Double Sweet William)—Fine mixed. Pkt., 5c, postpaid.

Dianthus Barbatus (Single Sweet William)—Fine mixed. Pkt., 5c, postpaid.



Dianthus.



Godetia.

among the finest that grow. They are equal to Chrysanthemums and Asters. Double. Extra fine mixed. Pkt, 5c, postpaid.

Gourds—Ornamental handsome climbers of rapid growth. Mixed varieties. Pkt, 5c, postpaid.

Gourds—Dish Rag. Pkt, 10c, postpaid.

Geraniums—Extra fine mixture. Pkt, 10c, postpaid.

Helianthus, or Sunflower—A miniature Sunflower of a bright yellow color with dark center; fine foliage. Plants dwarf and bushy. Pkt, 5c, postpaid.

Helichrysum Monstrosum Fl. pl.—Very showy annual; an attractive everlasting flower, scarcely excelled as a garden ornament or a winter decoration. Double mixed varieties. Pkt, 5c, postpaid.

Heliotrope—Great favorite with flower lovers for beauty and fragrance; suited for beds or borders, where they will bloom in summer and may be potted and cut back for winter blooming. Fine mixed. Pkt, 10c, postpaid.

Hollyhock—No garden flower is more showy or admired. Double mixed. Pkt, 5c, postpaid.

Ipomaea Grandiflora Alba (Moonflower)—A grand climber when planted in rich soil and well watered; attains a height of fifty to seventy feet, produces immense quantities of fragrant white flowers, measuring from five to seven inches across. Pkt, 10c, postpaid.

Ipomaea Bona Nox—Good Night, or Evening Glory. Large white flower. Pkt, 5c, postpaid.

Japanese Morning Glory—Most magnificent large flower of exquisite new colors, which are rich and velvety. Mixed. Pkt, 5c, postpaid.

Lantana Hybrida—Very desirable plants for house culture, the varieties of which are almost numberless. Very pretty. Mixed. Pkt, 10c, postpaid.

Larkspur, Dwarf German Rocket—An old and well known annual. The flowers are borne in compact spikes, and are hardy, showy and desirable. Mixed colors. Pkt, 5c, postpaid.

Larkspur—Dwarf, double mixed. Pkt, 5c, postpaid.

Lemon Verbena—Everybody knows the Lemon Verbena, and everybody should have a few specimens of it, for its fragrant foliage is fine to use in bouquets and floral work. Pkt, 10c; postpaid.

Lobelia Erinus Gracilis—A dwarf plant with delicate, graceful foliage and pretty, fine flowers. Of value chiefly for hanging baskets and borders. Mixed varieties. Pkt, 5c, postpaid.

Lobelia, Emperor William—Light blue, fine for hanging-basket. Pkt, 5c, postpaid.

Marigold—(See Tagetes.)

Maurandia Barclayana—This beautiful summer climber cannot be too highly recommended. Blooms the first season from seed. Fine mixed varieties. Pkt, 10c, postpaid.

Mignonette (Reseda Odorata)—Sweet scented. The delicious fragrance of the Mignonette makes it indispensable for bouquets and cuttings. Will commence blooming in June from the seed. Pkt, 5c, postpaid.

Mina Lobata—A charming Mexican climber; scarlet and yellow flowers. Rapid growth. Pkt, 5c, postpaid.

Digitalis Gloxiniaflora (Foxglove)—Perennial. Very showy. Mixed. Pkt, 5c, postpaid.

Dolichos Lablab (Hyacinth Bean)—A rapid growing climber of easy cultivation, bearing a profusion of pea-shaped purple blossoms. The seed pods are of a beautiful deep purple shade in fall. Mixed. Pkt, 5c, postpaid.

Eschscholtzia (California Poppies)—A most beautiful and showy garden flower, easily grown, extra varieties, mixed. Pkt, 5c, postpaid.

Forget-Me-Not (Myosotis Alpestris)—Mixed. Pkt, 5c, postpaid.

Four O'Clocks (Mirabilis)—Marvel of Peru. Extra fine mixed. Pkt, 5c, postpaid.

French Honeysuckle (Hedysarum Coronarium)—Mixed varieties. Pkt, 5c, postpaid.

Feverfew (Matricaria Capenses)—Handsome double white flower. Pkt, 5c, postpaid.

Foxglove—(See Digitalis.)

Globe Amaranthus (Gomphrena Globosa)—Bachelor Button. Mixed pkt, 5c, postpaid.

Godetia, or Satin Flower—One of the most beautiful of our hardy annuals and the easiest of all in cultivation. They are dwarf in habit and are fairly covered with flowers of brilliant and delicate colors. Fine mixed. Pkt, 5c, postpaid.

Golden Feather (Pyrethrum)—These beautiful flowers are



Heliotrope.

NASTURTIUMS.

For Spring Planting.

Nasturtiums, Tall—Beautiful and luxuriant climbers for trellises and arbors, bearing their sweet scented flowers in great profusion. Extra fine mixed. Pkt., 5c., oz., 15c, postpaid.

Coccineum—Bright orange scarlet. Pkt., 5c., oz., 15c, postpaid.

Pearl—Cream white, Pkt., 5c; oz, 15c, postpaid.

Schulzi Darkest-Leaved—Pkt., 5c; oz, 15c, postpaid.

Tall Crimson—Yellow-leaved. Pkt., 5c; oz, 15c, postpaid.



Nasturtiums.

Nasturtiums, Dwarf—One of the choicest and most popular annuals; forming compact plants; exquisite flowers of all colors. Fine mixed. Pkt., 5c; oz, 15c, postpaid.

Nemophila, Baby Eyes, or Grove Love—A hardy annual of dwarf habit, producing cheerful blue, violet and white flowers. Suitable for edges of borders. Mixed. Pkt, 5c, postpaid.

Nicotiana Affinis—Bears a profusion of pure white, long-tubed and star-shaped flowers; sweet scented, especially so after sundown. The plants can be potted and taken indoors, where they will bloom all winter. Pkt., 5c, postpaid.

Nicotiana Sylvestris—An improvement on the above, and one of the most ornamental fragrant plants grown. Pkt., 10c, postpaid.

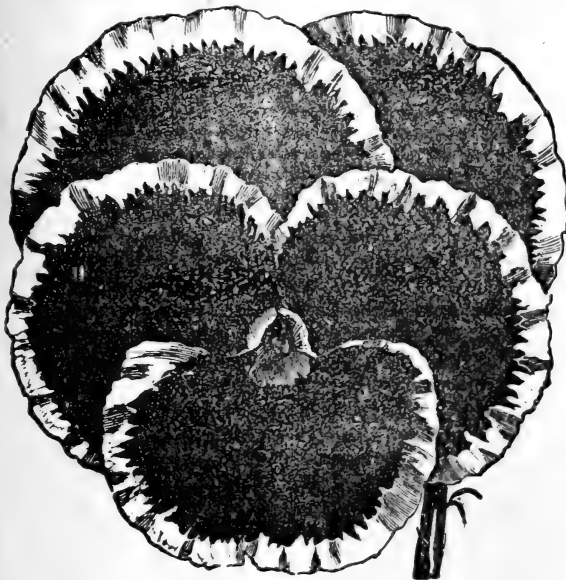
Nigella Damascena, Love in a mist, or Devil in a Bush—Compact growing, free flowering plant, with curious looking flowers and seed pods. Pkt., 5c, postpaid

Pasiflora Cocculea Grandiflora (Passion Flower)—Large violet flowers; half hardy perennial; fine climbing plant. Pkt., 10c, postpaid.

Petunia Large Flowering—Finest mixed varieties. Pkt., 10c, postpaid.

Portulacca Grandiflora (Rose Moss)—This old favorite is brightest in hot, dry weather, when other flowers are drooping; they are of almost every shade and color, and will make one of the brightest spots in the garden. Large flowered. Mixed; Pkt., 5c, postpaid.

Portulacca Grandiflora Fl. pl.—Very handsome, double as a rose, and contains a color and shading unknown in the single. Double mixed varieties. Pkt., 10c; postpaid.



Giant Pansy.

PANSY SEED.

(New Crop.)

PANSIES.

Viola Tricolor—Also known by the name of Johnny Jump-Up. Is a half hardy perennial, a favorite with all. A most beautiful combination of colors, and also separate and distinctly marked. Pkt., 5c, postpaid.

Common Mixed Varieties—Pkt., 5c, postpaid.

Giant Fine Mixed—Pkt., 10c, postpaid.

Giant Trimardeau and Odier—Fancy mixed. Pkt., 10c, postpaid.

French and German Varieties—Mixed. Pkt., 5c, postpaid.

Benary's Non Plus Ultra—Extra fancy mixed. Pkt., 25c, postpaid.

Plant our Outdoor Grown Roses in February or March and you will have a magnificent supply of Roses all through the season.

Our assortment of Flower Seeds is complete. Contains a full line of standard varieties, as well as all worthy novelties of recent introduction.

PANSIES--SEPARATE COLORS.

Giant Striped.....	Pkt. 5c	Giant Yellow.....	Pkt. 5c
Giant Gold Margined.....	Pkt. 5c	Giant White.....	Pkt. 5c
Havana Brown.....	Pkt. 5c	Giant Black.....	Pkt. 5c
Giant Coppery Scarlet.....	Pkt. 5c	Victoria—Pure White.....	Pkt. 10c
Silver Edge.....	Pkt. 5c	Beaconfield—Rich purple.....	Pkt. 10c
Emperor William—Blue and purple, violet eye, Pkt., 10c.			

Seven Separate Colors of 5c papers for 25c, postpaid. SELECT ANY THREE 10c PACKETS FOR 25c.



Silver Leaved Star Phlox.

Ricinus Africanus (Castor Oil Plant)—Very showy rich varieties. Pkt, 5c, postpaid.

Salpiglossis—The flowers, which are many colored, are beautifully and delicately penciled. Where known they are great favorites, as the flowers are very rich and chaste. Large flowering, extra fine mixed. Pkt, 5c, postpaid.

Salvia, Flowering Sage—Handsome plants, excellent for beds or borders, with long spikes of flowers, which continue to bloom until late in the fall. Pkt, 5c, postpaid.

Salvia Splendens, Scarlet Sage—Pkt, 5c, postpaid.

Scabiosa Grandiflora (Morning Bride), also Pin-cushion Flower—A well known annual, easy culture, blooms all the season, fine for bouquets. Double. Mixed colors. Pkt, 5c, postpaid.

Sedum Coeruleum (Stonecrop)—A very useful family of succulent plants, which withstand a degree of drought that most plants would succumb to. They are therefore useful in dry conditions, such as sunny banks and other places where few plants will grow. Fine for rock work. Pkt, 5c, postpaid.

Stocks, German Ten Weeks (or Gillyflower)—This is a half hardy annual, beautiful and fragrant. Choice varieties. Mixed. Pkt, 5c, postpaid.



Salvia Splendens.

Write for prices on Roses, Bulbs and Plants for spring and summer flowering.

SWEET PEAS.

Sweet Peas (*Lathyrus Odoratus*)—May well be called America's favorite, as it is such a popular and easily grown flower that rich and poor alike can enjoy its fragrance and beauty. Our seed was grown by the most prominent Sweet Pea specialist in America and cannot fail to please everyone.

Extra Fine Mixture—Of many different colors. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 50c, postpaid.

NAMED VARIETIES AND SEPARATE COLORS.

Adonis—Rose and carmine.

Alba Magnificia—Pure, delicate white.

Apple Blossom—Bright rose and pink.

Alice Eckford—Rich, creamy white, purplish wings.

Aurora—Orange salmon, flaked and striped white. Extra large.

Emily Lynch—Pink and white.

Firefly—Rich crimson scarlet.

Gaiety—Bright crimson striped.

Golden Gleam—Bright yellow.

Her Majesty—Clear, rosy carmine.

Igneae—Rich scarlet crimson.

Juanita—White, lavender striped.

Blanch Burpee—Large, pure white.
Blushing Beauty—A distinct, soft pink.
Boreatton—Very dark maroon.
Countess of Radnor—Pure light lavender.
Celestial—Delicate lavender blue, wings silvery lavender.
Countess of Aberdeen—Soft pink.
Emily Eckford—Rose heliotrope, wings bluish.
Emily Henderson—Large snow white.

Lottie Eckford—White, edged with blue.
Katherine Tracy—Exquisite bright pink.
Orange Prince—Orange salmon, wings pink.
Mrs. Gladstone—Bright soft Pink.
Mrs. Sankey—Pure white; fine bold flowers.
Monarch—Maroon purple, wings plum purple.
Mars—Bright fiery crimson.
The Bride—White.
Venus—Soft, rosy buff, shades pink.

Also many other named varieties not mentioned in this Catalog.

LARGE PACKET, ANY VARIETY, ONLY 5 CENTS.

COLLECTION OF SWEET PEAS.

Selection of any Six 5c Packets for 25c Selection of any Twelve 5c Packets for 40c

TAGETES (Marigold)

Extremely showy, one to two feet high, well adapted to garden culture, blooming profusely through the season.

Tagetes Ereta, Fl. pl.—Double Tall African Marigold. Mixed. Pkt. 5c, postpaid.

Tagetes Patula—French Dwarf, double mixed. Compact; very double flowers. Brown, orange red and striped. One foot high. Pkt. 5c, postpaid.

French Dwarf, Double Mixed—Compact, very double flowers. Brown, orange, red and striped. One foot high, pkt, 5c, postpaid.

VERBENAS

Verbena Hybrida—The Verbena is deservedly a universal favorite, unrivalled in the splendor of its dazzling brilliancy of flower. A constant bloomer, and if grown from seed has a sweet fragrance. Extra choice mixed, pkt, 10c, postpaid.

Verbena, Mammoth white. This is by far the best and largest of all white Verbenas, pkt, 5c, postpaid.

Zinnia Elegans. Fl. Pl.—Dwarf. Double mixed pkt, 5c, postpaid.

Zinnia Elegans—Tall. Double mixed, pkt, 5c, postpaid.

If you are interested in Flower Bulbs we would be pleased to have you examine our list. Prices reasonable.



Tagetes or Marigold.

MIXED FLOWER SEEDS FOR GARDENS.

A splendid mixture of over one hundred sorts of beautiful, free-blooming, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds will find the "Wild Garden" a delightful substitute, with its constant and ever varying bloom. Such a flower-bed is a constant surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Price per ½ oz, 20c; per package 5c, postpaid.

FLOWERING BULBS.

FOR SPRING PLANTING.

CANNAS.

They are the most popular and magnificent of all summer blooming plants for bedding and massing. We offer the choicest and most carefully selected Cannas it is possible to obtain. Very easy to grow, will bloom all summer, and if potted before frost, will grow and bloom all winter. Plant out of doors after all danger of frost is past.

Alphonse Bouvier—Green foliage, of dwarf habit. Each, 15c; 3 for 40c, postpaid.

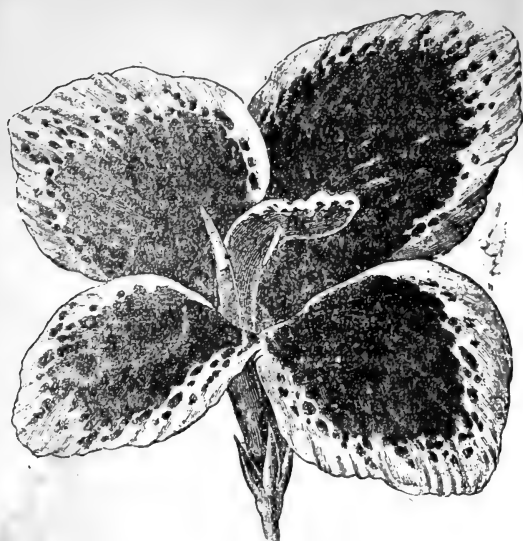
Austria—A grand new canna. Light red in color. A profuse bloomer. Each, 10c; 3 for 25c, postpaid.

Mont Blanc—Large pure white. Green foliage. Height 3 ft. Each, 20c, 3 for 50c, postpaid.

Scarlet Flowering Sorts—Many splendid colors. Each, 10c; \$1.00 per dozen, postpaid.

Yellow Flowering Sorts—Variegated, banded, etc Each, 10c; per dozen, \$1.00, postpaid.

CUT FLOWERS—When in the market for fancy Cut Flowers for gifts, weddings, receptions, funerals or other purposes we would be pleased to quote you prices. We have an expert Florist in charge of this department and can furnish Floral Designs of all descriptions on short notice, packed in perfect condition. If in a hurry for floral designs telegraph or telephone us.



Canna.

ing, very wide petals measuring $1\frac{1}{8}$ inches. Bronze foliage, height 5 feet. Each, 20c; 3 for 50c, postpaid.

Queen Charlotte—Rich crimson with wide gold border. Profuse bloomer. Each, 20c; 3 for 50c, postpaid.

Many shades and colors in mixtures, 5c each, 50c per doz.

DAHLIAS.

Set them out the last of May in deep, rich soil, and cover almost three inches. Will bloom in August. Dahlias are becoming great favorites everywhere and we cannot recommend them too highly. We know of nothing more showy for table decoration than a well arranged bouquet of long stemmed Cactus and other Dahlias.

Double mixed, large bulbs, each.....	15c
Single mixed, large bulbs, each.....	15c
Yellow Queen, soft pale yellow, marked with white, each.....	20c
Gloriosa, rich scarlet, each.....	20c
Florence Wood, clear violet purple, each.....	20c
Earl of Pembroke, rich dark purple, each.....	20c
American Beauty, yellow ground, tipped with crimson, each.....	20c
Copper King, light coppery red, each.....	20c
Wm. Agnew, the grandest red Cactus Dahlia, large and fine, each.....	25c

If you are interested in Flower Bulbs we would be pleased to have you examine our list. Prices reasonable.

Nothing better for sickly house plants than Springfield Seed Company's Plant Food.



Dahlia.

FINE HARDY LILIES.

For exquisite purity, delicacy and magnificent grandeur, we would recommend the Lily. As a rule they are easy of cultivation, especially the following well-known sorts. Carefully selected, as the hardiest, handsomest and most popular, the bulbs we offer are large, healthy and vigorous.

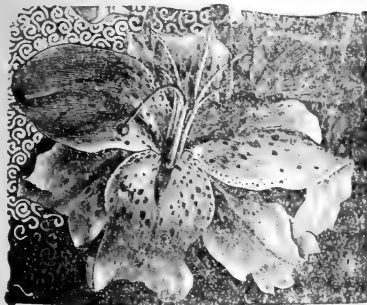
Album (Speciosum)—Pure white with beautifully curved petals; very fragrant; large flowers and very showy. Large bulbs, 25c each, postpaid.

Tigrinum (Improved Tiger Lily)—Orange salmon, spotted black; very hardy. Large bulbs, 10c each, postpaid.

Our assortment of Flower Seeds is complete. Contains a full line of standard varieties, as well as all worthy novelties of recent introduction.

Auratum—The golden-banded Lily of Japan; immense white flowers beautifully spotted with crimson. Extra fine bulbs, 25c each, postpaid.

Rubrum (Crimson-banded).—Flowers are white with a deep rosy or crimson band on each petal, with deeper colored spots between; often five or six inches in diameter; very fragrant and hardy. Fine bulbs, 25c each, postpaid.



Rubrum,

We offer
nothing but

FIRST SIZE
BULBS

You get the
same service by
mail that you
get at our coun-
ter.



Auratum.

AMARYLLIS.

Suitable for greenhouse, room or outdoor culture. After flowering, let the bulbs rest in their pots for several weeks, meanwhile giving no water.

Amaryllis Formosissima—Can be grown in water same as Chinese Narcissus. Blooms early. Deep crimson. Each, 15c, postpaid.

Amaryllis Johnsonii—Large trumpet-shaped scarlet flower, with broad, white stripe. Each, 40c, postpaid.

Amaryllis Belladonna Major—Elegant silver white flowers tipped with rose, of great fragrance and beauty. Large bulbs, 20c, each, postpaid.



Amaryllis [Jacobean Lily.]

Caladium Esculentum (Elephant's Ear)—One of the most effective plants in cultivation for planting out upon the lawn. It can be made to produce three to ten handsome leaves, often three feet long and twenty inches wide. You cannot make the soil too rich, or keep it too wet.

First size bulbs, 25c each.

Second size bulbs, 20c each.

Third size bulbs, 10c each.

Calla, California Giant White—Very popular and easily grown. Large bulbs, 20c each, postpaid.

Calla, Black—The wonderful Black Lily of Palestine. Large flowers. Color a clear jet black. A striking oddity. Large bulbs, 15c each, postpaid.

Crinum Kirkii—This magnificent variety produces flowers of the greatest beauty; usually two flower stalks of dark, purplish color are sent up at the same time, each bearing a large umbel composed of a dozen or more enormous life-like flowers of wondrous beauty and fragrance. The petals are broad and pure white, with a deep reddish purple stripe through the center. Extra large bulbs, 50c each, postpaid.

Peonies—Luxuriant foliage plants, with magnificent double incurved flowers of enormous size, deliciously fragrant. Some are very rich dark scarlet, others white, some very soft and delicate in color; many varieties and shades. Each, 25c; postpaid.

Hyacinthus Candicans—A species of Hyacinth, blooms during August and September. Grows from three to five feet high, with spikes of pure white flowers, bell-shaped and pendulous. The bulb is large and throws up strong flower stems; very hardy and grows stronger each year. For the cemetery nothing can be more beautiful or appropriate. Will thrive in any situation. Two for 15c, postpaid.

To those who have used our Bulbs in the past, we can assure you of the same high grades in quality and size.



GLADIOLUS.

This remarkable family contains many varieties, comprising all colors and combinations of colors, shades and variegations, some of the softest and most delicate hues, again the most striking and gorgeous colors. We believe the Gladiolus are the most satisfactory, desirable and popular of all garden bulbs. Very inexpensive, grows and blooms rapidly in any soil or climate, and makes a display which for brilliancy and beauty of coloring is unsurpassed. Nothing else in the floral kingdom so easy of culture and sure to succeed. May be planted any time from April to July and in any fairly good soil. Set in rows three inches apart or in beds six inches each way. They bloom from July to October. Should be taken up after frost and packed away in the cellar or any cool, dry place. Colors are white, yellow, pink, scarlet, carmine, violet, striped, blotched, etc.

Mixed colors, per dozen, 25c. Separate colors, per dozen, 30c.

Bulbs for Spring and Summer flowering will be sent by mail, postpaid, careful packed.

Write for special price list on Bulbs for Spring.

TUBEROSES.

The beauty and value of this flower can be but faintly shown either by words or illustrations. Each bulb throws up two or more spikes ten or twelve inches high, each bearing pure waxy white blooms, perfectly double and deliciously fragrant. It delights in a rich, strong, well-drained soil; manure, heat and water are very essential to its perfect development. For open ground culture, plant about the middle of May.

Excelsior Pearl — Rich, waxy white, very double, delightfully fragrant. Flowers very large, often twice the size of the ordinary sort, and imbricated like a Camelia. The finest for pots as well as for the garden. Large selected bulbs. Per doz., 50c, postpaid.

Tall Double—The old and popular variety; splendid for the open ground. Fine open flowers, free blooming. Per dozen, 50c, postpaid.

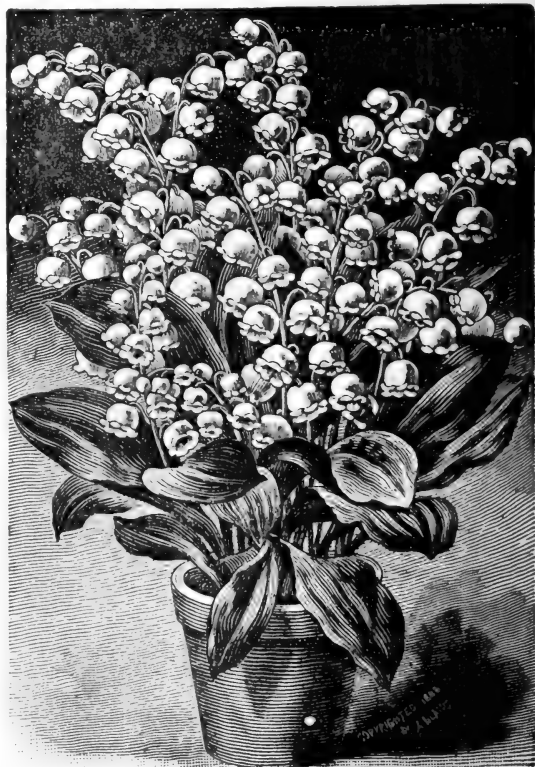
Cinnamon Vine—A well known climber, brilliant, glossy foliage, bears an abundance of fragrant flowers. Often attains a height of twenty feet. Each, 5c; dozen, 50c, postpaid.

Madeira Vine—So well known it needs no description. Dozen roots, 25c, postpaid.

Lily of the Valley.

[Convallaria Majalis.]

Largest and best imported, either Hamburg or Berlin. It is absolutely necessary that only the best pips be used in forcing Lily of the Valley. We offer strong imported pips especially adapted for winter blooming. Plant several in a four or five inch pot, keep in a cool, dark place until well started, then bring out to the light. Water freely. They will grow rapidly and will have an abundance of beautiful, lovely and fragrant bells. Six for 20c; dozen, 40c.



Lily of the Valley.

Write for special Price List of Wheel Hoes, Drills, Grass Edgers, Horse Hoes, Hill Droppers and Combination Tools, etc.

HARDY CLIMBERS.

CLEMATIS, Queen of the Climbers.

For small trellises, or piazza pillars, nothing can compare with the Clematis vine. It is a very rapid grower, often reaching the height of fifteen feet during the season. Used often to cover rock-work, stumps, etc. Foliage neat, habit graceful; perfectly hardy. Flowers are beautiful and lasting. Plant at any time from April to June, and deep enough so that the crown of the roots will be three or four inches below the surface. We have three to five-year-old roots only.

LARGE FLOWERING SORTS.

Jackmanii—Flowers a rich, royal purple, the best known. 50c each, postpaid.

Madam Baron Viellard—Light rose with lilac shadings, very distinct. Each, 60c, postpaid.

Miss Bateman—Pure white with chocolate anthers; commences to bloom very early. Each, 60c, postpaid.

Gypsy Queen—A rich, dark, velvety purple, rank grower and a free bloomer. Very attractive variety. Each, 60c, postpaid.

Henryi—Flowers eight-sepaled, pure white and very large. Each, 60c, postpaid.

FRAGRANT AND SMALL-FLOWERED SORTS.

Crispa—A fine deep blue with a white border, deliciously fragrant. Each, 30c, postpaid.

Flammula—Pure white, blooms in clusters, fragrant. Each, 30c, postpaid.

Paniculata—A vine of very rapid growth, quickly covering trellises and arbors with handsome, glossy, green foliage. Flowers are medium size, pure white, and of most delicate and penetrating fragrance. Very hardy. One of the choicest varieties. 30c, postpaid.

Madeira Vine—Large roots. 2 for 15 cents.

Food for Flowers.

SPRINGFIELD SEED COMPANY'S PLANT FOOD

A composition of high merit, manufactured by us, which we highly recommend as one of the best articles ever introduced. It is a most useful fertilizer for plants, and especially adapted for flowers. It produces a rapid and vigorous growth and helps to produce an abundance of flowers, and is also a great insect destroyer. Put up in original fancy packages; each package contains full directions. Package, 25c.

Manufactured by the Springfield Seed Company.

FERTILIZERS.

A FEW IMPORTANT POINTERS.

The labor of growing 35 to 40 bushels of wheat to the acre is no more than if the yield is only ten bushels, and the same is true of all other crops. Fertilizers increase the yield. Every crop which pays for cultivation on rich soils may be profitably fertilized on poorer soils. Land worth \$50.00 per acre should at 6 per cent pay \$3.00 per year interest on the money invested, beside good returns for labor bestowed, while land worth \$10.00 should pay at the same interest rate only 60 cents. The difference in interest, \$2.40, applied, in well selected fertilizers annually, or three times the amount, \$7.20, every third year, will make the poor soil as fertile as the other, and in many cases much more so. This, of course, applies without reference to kind of crop. The most profitable gain from fertilizing comes, however, from crops which possess the greatest money value.

We offer, subject to market changes, F. O. B. Springfield.

Pure Raw Bone Meal.....	\$28.50 per ton, \$1.50 per 100.
Acidulated Bone and Potash.....	\$25.00 per ton, \$1.40 per 100,
Complete Fertilizer.....	\$25.00 per ton, \$1.40 per 100.
Land Plaster.....	\$20.00 per ton, \$1.25 per 100.
Ammoniated Bone, Blood and Potash.....	\$25.00 per ton, \$1.40 per 100.
Odorless Lawn.....	\$2.25 per 100.

Try Springfield Seed Company's Mixed Lawn Grass.

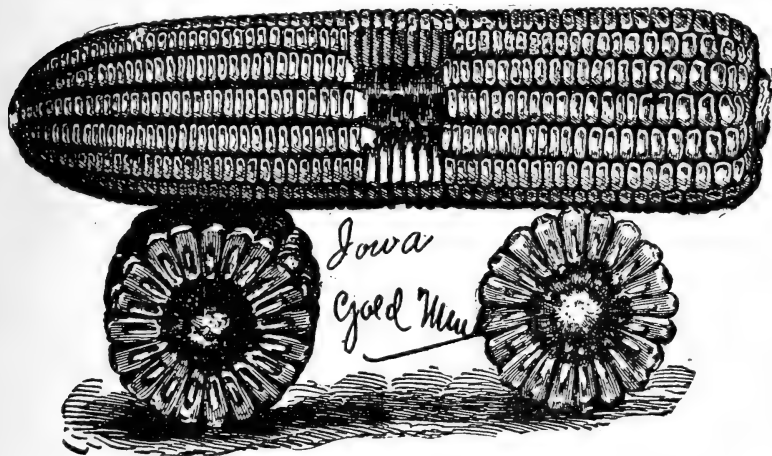
Write for our Hand Book on Fertilizers.

CORN IS KING.

You have seen lots of men who had good corn land, gave it the best of preparation, plowed good and thoroughly, and then grumbled about a poor harvest, while another man right across the road, same sort of land, would make three bushels to their one. Nine times in ten the cause can be traced directly to the seed that was planted. Poor seeds are expensive at any price—won't thrive anywhere and represent lots of hard labor forever lost. Invested in good seed corn, a few cents more would be but a drop in the bucket compared with the result. We would also suggest to our customers that you grow good straight varieties of corn because—it brings better prices as seed corn, makes better and more uniform crop and is just as easily grown as mixed don't-know-what-it-is sorts. In former years the trade was about equally divided as to merits of Missouri grown corn and that grown farther north; but for the past two years we have reaped best results from shipping Missouri grown stock to the Southern States. While we have supplied trade in this latitude with Nebraska and Iowa grown corn. On this basis we have selected the best varieties from those fields. Varieties that we have thoroughly tested and tried out in former seasons and we know that they are winners. As we ship thousands of bushels of seed corn South every season we will be in the market for your crop if raised from our seed.

SELECTED SEED CORN.

Iowa Gold Mine—This grand variety is an improved strain of Pride of the North. It is early ripening, being much larger but a little later. The ears are of good size and shape and of a bright golden yellow color. It has been a favorite among stock feeders, from the fact that the cob is small, grain soft and very deep. Seventy pounds of ear corn will make sixty pounds of shelled corn.



Improved Leaming — 90 Day Corn. This is one of the earliest varieties of Yellow Dent Corn in cultivation, with an established reputation as a wonderful cropper. The ears are large and handsome, with deep, large grain, orange yellow color and red cob, producing two good ears each. Leaming has been known to yield 125 bushels to the acre.

Improved Golden Beauty — For general planting we know of no other variety that will give better satisfaction than the big, handsome Golden Beauty. It is the largest grained Dent Corn in cultivation we have seen. The ear is perfect in shape, with ten to fourteen straight rows of golden yellow grains, cob small, and

is sure to please every farmer who grows it. The heaviest cropper we have ever handled.

Legal Tender—A new large yellow Corn, with excellent heavy ears, deep grain and small cob. This variety is also called Premium Taker, and we can justly say that no other variety grown has taken the number of premiums at state and county fairs as this sort. It has from 16 to 20 rows, matures in about one hundred and ten days.

Iowa Silver Mine—90-Day Corn. Stalks grow to a height of seven to eight feet and set the ears about three and one-half feet from the ground. It has not a large growth of fodder, having been bred essentially for grain, though it has plenty of blades to support the growth and is as well rooted as any corn grown. The ears measure from ten to twelve inches in length and often weigh over 1½ pounds. They are uniform in size and shape, with sixteen to twenty straight rows of deep, pure white kernels, on small white cob. It is ready for the market earlier than any white corn grown. Seventy pounds of this corn in the ear will make sixty-two pounds shelled.

Champion White Pearl—Matures in 100 days. The ears are of good size, 16 rows, and very heavy. Has proven itself to be a good Corn to withstand heat and drouth. The grains are pure white, very deep, compact and heavy; two grains will more than span the cob, which is very small. By a test 70 ears weighed 87½ pounds, of which the cobs alone weighed only seven pounds. It makes a superior quality of corn meal and grades No. 1 white in any market.

Hickory King—A grand old time variety, especially fine for milling purposes. The smallest cob compared with the size of the ear of any corn grown. It yields greater, and is unquestionably the most productive white field corn. A single grain will completely cover the end of the cob when broken in half. It shells and shucks easily, and will make more shelled corn to a given bulk of ears than any other variety.

Strawberry Corn—A good reliable variety, extra large ear, grain red and white striped. Withstands drouth excellently.

Bloody Butcher—Enormous ears, grain red and yellow.

Indian Chief—Medium size ear, deep red grain.

From all the experiments and information we have so far obtained, we are sorry to inform our friends that we are unable to locate this so-called corn making 200 bushels to an acre, or so-called oats making 300 bushels—nor have we discovered any hay that is pushing fences around—but we have always endeavored to secure the best the land produces, and the demand on us for this article has always been fully equal to the supply. Our seeds have genuine merit, are pure and will show high percentage of germinating properties, but with the very best seed obtainable and every preparation of the soil by the planters, the harvest cannot always be foretold. Wish it could. Prices on all varieties of seed Corn furnished on application.



CLOVER, GRASS AND FARM SEEDS.

Our Seeds for this department are all selected with critical reference to cleanliness and quality and again recleaned by us in the best mill that can be bought for love or money.

Owing to early publication of this Catalog and market fluctuations of Field Seeds, we cannot make prices at this time, but purchasers may depend upon getting them at the lowest market prices prevailing at the time of purchase, and that we always send as much seed as the money received will pay for.

Should you desire information of any kind about the habits, nature, yields, time to sow, how to sow, quantity to sow, etc., of any of the Field Seeds here listed, we will cheerfully correspond with you. Our past experience is your best guarantee.

Giant Crimson or Incarnate Clover—(*Trifolium Incarnatum*.) This is an annual variety which has been grown largely in the Southern, Middle and Northern states. In good ground it often grows to the height of 2 feet, and even in poor soil where red clover fails it will make a splendid growth. The yield in fodder is immense, and after cutting at once commences to grow again and will continue until cold, freezing weather. Sow at the rate of 10 bu. to acre. 60 lbs to bu.

White Clover—(*Trifolium Repens*.) A small white blossom species, very fragrant and desirable for mixing in lawn grass seeds. Of great value for permanent pasture, as it affords very nutritious food for sheep and cattle. Succeeds in almost any soils. Usually 5 lbs to the acre. 60 lbs to bu.



Medium Red Clover.

Medium Red Clover—This is the common Red Clover, too well known to need description. Excellent for pastures when sown with other grasses and the best of the Clover family for hay, two cuttings per year. Attains a height of three feet in good season, has long, powerful tap-roots that are splendid natural fertilizers and is invaluable to any farmer who has stock. We offer Clover Seed in three grades: Best, second and third grades. Our best or fancy grade is absolutely high quality, the cheaper grades being used mostly for rough lands and woods pasture. 60 lbs to bushel. Sow 10 lbs to acre.

Mammoth Red Clover—(*Trifolium Pratense* Perenne.) Also called English and Sapling. Well known in many parts of the country, and highly valued for its enormous yield and for reclaiming exhausted land. For hog pasture and a hog fattener it has no equal, and is far superior to the Common Red or June Clover. Where permanent hog pastures are wanted this variety has given the best results, as it is permanent, and does not freeze out as easily as the Common Red Clover, and therefore



Mammoth Clover.

better adapted for fall sowing. It will make very large crops of hay, yielding from three to four tons per acre. 60 lbs to bu. Sow 10 lbs to acre.

Owing to frequent market changes in prices of Field Seeds, Seed Potatoes, etc., and the usual close prices at which they are sold, we are unable to make definite figures in this Catalog good for the season. If our friends will write us, sending a list of their probable requirements, we shall be glad to quote our lowest prices by mail.

About Clover, Timothy and Other Grasses.

For your consideration, before you make a crop this season, let us point out: That the market for hay is very good, a grass crop is inexpensive, generally sure to hit and the return for your labor much more profitable than grains. This is from the majority of our best farmers, they ought to know. Clover is a good foundation for farm building.



Sanfoin Clover.

earth in search of nourishment. One seeding stands for years. All cattle are fond of it. Use 30 to 35 pounds of seed per acre. Sow in April or May. An Alfalfa field is well worthy of all care and expense required to produce it. The average yield of green forage per acre for three years (including the first year) was 18.27 tons, equivalent to 4.57 tons of hay. The yield the third year from five cutting was 26.6 tons of green forage, equivalent to 6.65 tons of hay. 60 lbs to bushel.

Japan Clover—A low perennial of spreading habit, and adapted to withstand excessive drouth. It flourishes on the poorest land in the Southern states. Sow 15 lbs per acre.

Sand Vetch, or Winter Vetch—Succeeds and produces good crops on poor soil, as well as good land. A comparatively new forage plant, which has proved of the highest value and is highly recommended by the United States Agricultural Department. It is perfectly hardy throughout the United States; remains green all winter. Should be sown in spring, mixed with Oats, Spring Rye or Barley. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover. Sow one bushel per acre, with one-half bushel of Rye, Oats or Barley. Lb, 25c; 3 lbs, 60c, postpaid; 10 lbs, \$1.00; 1 bushel, 60 lbs, \$4.00, by freight or express.



Timothy.

Red Top—A valuable grass for moist soils. It is a good permanent grass, standing our climate as well as any other, and consequently well suited to our pastures, in which it should be fed close, for, if allowed to grow up to seed, the cattle refuse it. On moist, rich soil it will grow two feet, and on poor, gravelly soil, about half that height. It has been grown successfully even on "alkali" bottom lands, where other grasses failed. Sow 20 to 30 pounds to the acre.

Alsike, or Swedish Clover—(*Trifolium Hybridum*). A very hardy clover. Perennial. On rich, moist soil it yields an enormous quantity of hay or pasture, but its greatest value is for sowing with other clovers and grasses, as it forms a thick bottom and greatly increases the yield of hay. Cattle prefer it to any other forage. The heads are globular, fragrant and much liked by bees, which obtain a large amount of honey from them. Sow in Spring or Fall at the rate of 6 pounds per acre, when used alone. Bu. 60 lbs.

Bokhara Clover or Sweet Clover (*Melilotus Leucantha*)—A rather tall growing, white flowering variety that is excellent for bee food, for which purpose it is largely grown in many sections. Sow 10 pounds per acre. Bu. 60 lbs.

Sanfoin or Espersette (See cut) (*Onobrychis Sativa*)—A most valuable fodder plant that is largely grown in Europe and in France. While not as long lived as Alfalfa it will generally last from 10 to 12 years. It is an excellent plant for seeding to cows, as it generally increases the quantity and richness of the milk. To obtain the best results seed should be sown early in the season and covered about two inches deep, and the soil firmed with a roller. Valuable for light, dry, sandy, gravelly, lime stone or chalky soils. Two cuttings may be had each season. Sow 40 lbs to acre.

Alfalfa Clover (*Lucerne*)—The farmer's friend. Well adapted to dry sections, but thriving anywhere on deep, well drained soil. A perennial plant lasting many years and may be cut from 3 to 5 times each season. As a fertilizing, land enriching crop it has no equal. The roots descend 10 to 15 feet into the



Alfalfa.

Timothy—The wheels of commerce can't move without it. This variety is more used than all other tame grasses. No farmer can afford to be without Timothy on his place. The better off a farmer is financially the more Timothy and grasses he has on his farm and the more his wealth increases. More grasses and less corn is what the farmer needs. We are headquarters for the very best re-cleaned seed to be found in the South and Southwest. Our equipment for cleaning Grass Seed has no superior, and we take especial pride in putting on the market the finest grades to be had. Sow $\frac{1}{4}$ bu. to acre. 45 lbs to bu. Price on application.

Kentucky Blue Grass, the Great American Grass—The old standard grass for pasture and lawns. Every farmer knows it and its good qualities. An old "Blue Grass farmer," of central Kentucky, says about it: "Whoever has limestone land has Blue Grass; whoever has Blue Grass has the basis of agricultural prosperity, and that man, if he has not the finest horses and cattle has no one to blame but himself. He can hardly avoid doing well if he tries." Sow about twenty-five to thirty pounds to the acre for meadow; for lawns sixty-five to eighty pounds per acre. Fancy clean seed.

Perennial Rye Grass—A highly esteemed grass in Europe, either for pasture or lawns. It has been more or less cultivated in this country, and has done well wherever tried. Sow early in spring for pasture twenty-five to thirty pounds to the acre.

Owing to frequent market changes in prices of Field Seeds, Seed Potatoes, etc., and the usual close prices at which we sell them, we are unable to make definite figures in this Catalog good for the season. If our friends will write us, sending a list of their probable requirements, we shall be glad to quote prices by mail.



Orchard Grass.

on his farm. Sow two bushels to the acre. 14 lbs. to the bushel. High grade re-cleaned seed. New crop. Price on application.

Bromus Inermis—It originated in Russia, and is recommended on account of the manner in which it has stood on the Hungarian plains, where the dry, sterile nature of the country and the long continued drouths makes so many plants succumb. This Bromus, however, stands well, and has been known for thirty years to stand when such robust crops as Alfalfa have been destroyed. It gives a luxuriant crop, particularly on fresh sandy loam soil, and where the climate is warm. It is found that animals eat it greedily, whether in the green or dry state, so that it can be mown or saved for winter use. The seed is sown in the early spring. It is also useful in filling up gaps where Alfalfa or Clover crops have failed. It will stand under favorable conditions for twelve years, and give as much food in one month as Alfalfa gives in three months. This grass is better sown alone; at least it should not be sown with grain crops. The grain takes too much moisture from the young plants. It has proven satisfactory wherever it has been tried. The United States Agricultural department, also some of our best grass specialists, have recommended it very highly. It grows from 18 to 36 inches in height, and can be cut two or three times per year. It is very desirable as pasture grass. 15 to 18 lbs. to the acre. Price on application.

Tall Meadow Oat or Evergreen Grass—The roots of this grass descend deeply into the subsoil, enabling it to withstand a protracted drouth, and it is green all seasons of the year. Its early growth in spring makes it equal to rye for pasture. It grows quickly after mowing, giving a denser and more succulent aftermath than any of the present popular tame grasses. Sow broadcast twenty-five to thirty pounds of seed to the acre.

Italian Rye Grass—In nutritive value, earliness and quickness of growth after it has been mown, it far surpasses the Perennial Rye Grasses. It is, therefore, indispensable for alternate husbandry; but it does not last over two years. It is of no use in permanent pastures. The soil best adapted to Italian Rye seems to be those that are moist, fertile and tenacious, or of a medium consistency, and on such soil it is said to be one of the best grasses grown to cut green, affording repeated luxuriant and nutritive crops. Sow thirty to forty pounds to the acre.

Johnson Grass—A grass very desirable for rough, rocky land and valuable for winter grazing. In fact, there is but one drawback to Johnson Grass, and that is keeping it under control, as it spreads very rapidly. The most successful plan yet tried is to sow this grass on a piece of ground under fence, where it can be pastured heavily. This keeps the blades short and tender. The growth is so rapid that it furnishes an abundance of feed. In fact, several times more than any pasture grass in use. It is so very hardy that seed will catch and thrive on any kind of soil. It makes an abundant hay crop and can be cut three or four times a season, and in this way produces an enormous amount of excellent hay. It is now being very extensively grown in Southern Missouri and Arkansas. 25 lbs. to the bushel. Sow 20 lbs. to the acre. Price on application.

Creeping Bent—A good early grass for permanent pasturage on moist ground. Good for lawns. Height 1 to 2 ft. 1 lb, 30c; 10 lbs, \$1.75; 100 lbs, \$14.

Crested Dogstall (Gold Grass)—A fine short grass that should be in all permanent pasture mixtures for dry, hard soils and for hills pastured with sheep. Height. 1 to 1½ feet. 1 lb, 50c, 10 lbs, \$4.00.

Bermuda Grass—A most valuable grass for our Southern States; both for pasture and lawns. It is of dwarf habit, with long creeping stems, rooting at the joints and covering the ground with a matting of fine turf, which no amount of tramping will impair. It is also useful for binding drifting sand, and for steep embankments subject to wash. It thrives in the poorest and sandiest soil, and resists extreme drouth and the most intense tropical heat, but will not withstand any great extremes of frost. It should be sown at the rate of 15 pounds to the acre. Price on application.

Sheep's Fescue—Good on permanent pastures, on uplands and dry soils. Makes a fine, deep green hay. Fine for dry lawns. 1 lb, 25c, 10 lbs, \$1.75.

Sweet Grass—It is one of the earliest in the spring and latest in the fall. Height, 18 to 24 inches, 1 lb, 20c; 10 lbs, \$1.25; 100 lbs, \$9.00.

Grasses—We have made a large investment in cleaning machinery. This enables us to meet demands at all times of buyers who will buy quality. Or, should you have seeds that need cleaning, send them here and have them cleaned right. Best seed mill west of the Mississippi river.



Tall Meadow Oat Grass.

CANE SEED.

Cane fodder is coming to the front. Farmers, dairymen and stockmen who have tried it speak so highly of its great merit that we predict in the next few years it will be the most universal fodder crop grown. We are sorry to say that the great scarcity of seed made last fall will make early buying important.



Amber Cane.

Amber Sugar Cane—All kinds of stock are exceedingly fond of it, and the farmers all over the country are beginning to realize that it is one of the best green fodder plants that can be procured. Its earliness adapts it to almost every section of the country, and its enormous yield, often reaches 20 to 25 bushels of seed, and as high as 150 to 250 gallons of syrup per acre, has made it invaluable for large growers. It is exceedingly difficult to procure pure seed, but the stock we have to offer is the best that can be obtained. Prices on application.

Orange—A large growing variety; considered best for sorghum; somewhat later than Amber. Will yield in good season 150 gallons to the acre. Price on application.

Kaffir Corn—Excellent forage crop, also largely used for fodder. The seed crop always commands a ready market. An excellent substitute for Buckwheat. The flour made from Kaffir Corn is now being used for cooking purposes; cakes made from flour are equal to Buckwheat cakes. Plant is stocky and erect in form and stock eat it as well as Corn. 50 lbs to the bushel; broadcast for fodder, one bushel to the acre. Use two quarts when planted in hills.

Kaffir Corn, White—White Kaffir Corn is without doubt the best all purpose variety, being superior for manufacturing purposes and equally as good for feed. Prices on application.

Kaffir Corn, Red—Similar in every respect to the White, with the exception of color of seed, which is pale red when threshed. Used largely for fodder. Write for prices.



Kaffir Corn.

SWEET CORN FOR FODDER.

There is nothing better for green food, or for curing for winter than Sweet Corn. Cattle highly relish it, and when fed on it keep in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. Farmers in this section should raise more Sweet Corn as feed for young hogs, which is sure to give better results than feeding common field corn. Also excellent for soiling. Sow thickly in drills or broadcast, at the rate of two or three bushels per acre. Pk, 35c; bu, \$1.00.

BROOM CORN.

For the past three seasons Broom Corn has been the best money maker on the farm, and there seems to be no reason why the coming season should not be a repetition of those past. We have a very superior strain of Missouri Evergreen, the same we have offered for two seasons past and which has given the desired results, viz: Brush of good length, fine and straight; excellent color and always preferred on the market. We carry some other varieties, but prefer to recommend Missouri Evergreen. 46 lbs to the bushel; 8 to 10 lbs to the acre. Prices on application. Watch the market and judge for yourself whether a few acres would not pay.

POP CORN.

Queen's Golden—Cob small, ears of large size and of a beautiful golden yellow. Kernels often pop to over an inch in diameter. Can supply the true straight seed stock of this sort and are always in the market for any amount of this variety. Price per lb, postpaid, 15c. 10 lb, freight or express, purchaser's expense, 50c.

Rice—Ears short. Kernels long and pointed. A splendid popping sort. Often called Shoe Peg, Squirrel Tooth, etc. We are also in the market for this variety in any quantity. Per lb, postpaid, 15c. 10 lbs, freight or express, at purchaser's expense, 50c. We can also supply Mapledale Prolific and Red Beauty.

BIRD SEED.

All re-cleaned and improved by special machinery. Prices variable. If wanted by mail, add 8c per lb for postage.

Canary (Sicily)—Lb, 10c; ½ pk, 40c; pk, 75c.

Hemp—Lb, 10c; ½ pk, 40c; pk, 75c.

French Bird Millet—Lb, 15c.

German Rape—Lb, 10c; ½ pk, 45c; pk, 85c.

Mixed Bird Seed—Lb, 10c; ½ pk, 40c; pk, 75c.

Lettuce—Oz, 5c; lb, 25c.

Sunflower—Qt, 10c; ½ pk, 60c; pk, \$1.00.

OUR PERMANENT MIXTURE FOR MEADOWS.

The idea of mixing hardy grasses for permanent pasture is a good one. By using an assortment of grasses there is small probability of a failure. Some of them will surely hit. Despite the unfavorable season favorable comments are coming from all sides of us recommending our Pasture Mixtures sowed last season. Our Permanent Pasture Mixture is for clean open ground. Will take especial pride in giving you written information if asked for. \$3.00 per bushel of 20 lbs.



Mixture for Top Seeding.

arid regions. Is very valuable for fodder or used as forage, and is greatly improved by crossing with Wheat. Per lb, postpaid, 15c; 100 lbs, by freight, \$6.00.

Woods Pasture Mixture—For new clearings or woods pasture, rough land or stumpy, rocky land in Southern Missouri or Northern Arkansas, we would again recommend our Woods Pasture Mixture. Being especially adapted to lands where straight top seeding is an absolute necessity. Being so proportioned that it catches readily and stays when once a stand is secured. We are assured from experience of the past seasons that we have the right idea in regard to this mixture and cannot recommend it too highly for the purpose. It is a well-ascertained fact that a thicker and more prolonged growth is produced by a mixture of different sorts than by only one or two. For every different kind and condition of soil there are grasses that are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early, and others so late, that from the beginning of spring until winter sets in there is no time when one species or another is not at its best. Grass seed may be sown early in spring or in fall from the first of September to the middle of October in this latitude, etc. Sow one bushel to the acre. Price \$2.00 per bushel of 20 lbs.

Teosinte—A wonderfully prolific forage plant which somewhat resembles Corn, but the leaves are broader and the stalks contain a large amount of saccharine matter. Its value lies in the fact that it can be cut several times during the season, and when allowed to remain without being cut attains a height of 12 feet. Our experience shows that it is particularly adapted to the Middle or Southern states. Seed should be sown after the ground is perfectly warm and the weather settled, at the rate of about 4 pounds per acre. The best plan is to plant in drills, 3 feet apart, putting in 3 seeds about every 12 inches in the drill. $\frac{1}{4}$ lb, 35c; 1b, 90c, postpaid; 5 lbs lots 75c lb.

For good advice to our patrons would say, "Buy early," as the crop of grass seeds last fall is not adequate to supply a very heavy demand at prices now prevailing. Clover and Cane seed crops are very short comparatively, but all other grasses are more or less so, and the size of your demands will rule the prices.

Top Seeding Mixture—For rough timber land, especially where land is high and subject to drouth. Containing some twenty different grasses and makes an all-year round pasture for your horses and cattle as well as your hogs and sheep. Ask those of your neighbors who tried a few acres last season and we know you will give it a trial, which means good results for you and more business for us next year. Sow one and one-half bushels to the acre. Price per bushel of 20 lbs, \$1.00.

Dairy Farmer's Grass Mixture—Dairy farmers particularly desire to take a crop of hay off the meadow and have the aftergrowth for pasture, and where the natural grasses are carefully selected with this object in view, this can be successfully done. This mixture is composed of tall, quick-growing grasses for mowing, after which the dwarf-growing varieties will cover the ground and furnish grazing until late in the fall. This mixture consists of the best varieties of clover and grass seeds, such as Red Clover, Alsike, Orchard Grass, Rye Grass, Meadow Fescus, Tall Meadow Oat Grass, etc. It is a special mixture which will please everyone. Sow 20 lbs to acre on ordinary soils. Per lb, 25c; 3 lbs, 65c, postpaid. By freight, 20 lbs, \$2.50; 50 lbs, \$4.75; 100 lbs, \$9.25.

Emmer—A remarkable new grain introduced and brought into use by the German-Russian farmers of the Dakotas. Is highly recommended for culture in semi-



Teosinte.



RAPE, Dwarf Essex, for Sowing.

There is only one "best" variety of Rape and that is Dwarf Essex. Do not be deluded into buying inferior grades by unscrupulous dealers or exaggerated advertisements. There is no plant that will give as heavy a yield of forage at such a small cost as this, and its general cultivation would add largely to the profits of American farms. Especially valuable for green manuring and pasture. When fed off by sheep, it will probably do more to restore and make profitable exhausted soils than any other plant. Beware of the worthless annual variety that is often sold, and which is not only worthless for forage, but once planted is liable to become a pernicious weed. Biennial.

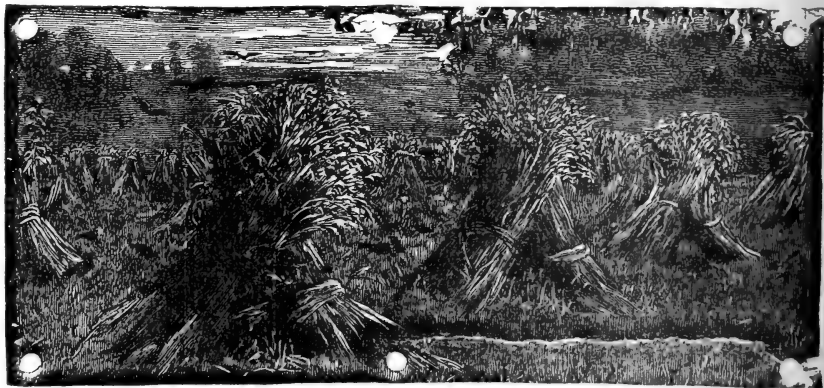
CULTURE—Prepare the ground as for Turnips, and sow in June or July, with a turnip drill, in rows two and a half feet apart, at the rate of two and a half pounds of seed per acre. It may be sown broadcast at the rate of five pounds per acre.

Price by mail, 1b, 25c; express or freight, 15c; 10 lbs, 90c; per 100 lbs, \$8.00. Sow 5 lbs to acre.

Wallace Oats—A yellow, extra early Oat, well known in our immediate section. In fact, originated with one of our prominent farmers, from whom we secure our stock this year. Supply limited. Write for prices.

White Lincoln Oats

—Our customers well know the superiority of our Lincoln Oats. Well screened and clipped; always weighing more at seeding time than any oats in the market. Lincoln Oats are grown for us especially for seed purposes; are kept pure and free from mixture, and we know when the true stock is secured this variety is all we claim for it. In productiveness, earliness, weight and handsome appearance, absolutely the best. Do not let your seed Oats run out, but buy a few bushels of Lincoln. They will come high this season, but will repay you well. Prices on application.



White Lincoln Oats.

We will also quote, on request, the following varieties: Texas Red, White Russian, Red Rust Proof, White Belgian and Golden Giant.

German Millet—No other grass or forage plant has been able to produce the enormous yield of this plant. It has become the most popular and generally used for all purposes; produces from four to five tons of hay to the acre, and from 60 to 70 bushels of seed. After the harvesting it leaves the ground in a fine condition for wheat. 50 lbs. to the bushel. Sow 25 to 30 lbs. to the acre. Price on application.

Millet, Common—It is an annual grass, with tender, juicy and luxuriant leaves. Very much relished by all kinds of stock. Makes good hay. Sow 35 lbs. to the acre. Price on application.

Hungarian Millet—Can be sown somewhat later than other varieties and is well adapted to dry seasons. It resembles Millet very much, is of finer growth and makes an excellent hay. Sow 25 lbs. to the acre. 48 lbs. to the bushel. Price on application.

Hog Millet, or Manitoba—Has proven itself to be one of the most valuable Millets grown for hog pasture. Seed about double the size of German Millet. It is very rich, and especially valuable as a hog food. It ripens about two weeks earlier. Grows about four feet high. Sow 25 lbs. to the acre. Price on application.

New Champion Barley—A very superior new early variety. Sow one and one-half bushels to the acre. 48 pounds to the bushel. Price on application.



German Millet.

Siberian Millet—Valuable for all sections of America. It is the greatest stooler ever introduced. Six quarts will sow an acre. It is, without exception, the heaviest yielding millet in the world, giving several times the yield of any other variety. It has been thoroughly tested in all sections of America and Canada, and the reports from different parts of this country prove that it will in time take the place of all other varieties. Tests show that as high as eight tons of millet have been cut from one acre, and the quality surpasses that of any other variety. Although there are numerous blades, they are as fine as can be, making it of the greatest value to farmers everywhere. It does not grow rank or coarse, but the entire stalk is of such excellent quality that it is readily eaten. The various reports received from drought-stricken districts show that it will stand more hot, dry weather than any other sort, and it has been known to yield heavily when other varieties failed almost entirely.

Flax for Sowing—The demand for this seems to increase each season. The acreage in the Northwest last year was very large indeed. It should be sown late enough in the spring to avoid frost but as early as it is possible to do so in order to secure the early spring rains. When grown for the fibre about one bushel should be sown to the acre, but for seed alone usually $\frac{1}{2}$ bushel is sufficient. Cut it before thoroughly ripe and if the weather is warm and the earth dry, let it lie in the swath a few hours, when it should be raked and secured for the winter. Thresh during dry weather in the fall months. Lb, 25c, post-paid.

Buckwheat, Silver Hull—An excellent milling variety. Remains in bloom longer than the Common, making it excellent for bees. Bushel, 52 lbs, one-half bushel to the acre. Price on application.

Buckwheat, Japanese—The largest cropper of all varieties, grains being enormous. Yielding as high as forty bushels to one-half bushel of seed. Ready for cutting a week earlier than Silver-Hull. Price on application.

Buckwheat, Common—The old well-known sort.

Cow Peas—Highly valued in the South for a forage crop; in fact, it is to the South what clover is to the North. The crop can be used to best advantage by cutting and feeding while in a green state; its feeding qualities are very high, and as a soil renovator and fertilizer it is better than clover. The dry peas ground make a very rich food for cattle. Sow either broadcast or in drills, covering the seed from two to three inches, plant after the ground is warm, as the peas rot very readily in cold wet soil. When sown broadcast use from one to two bushels of seed to the acre. If in drills, half the quantity is enough. We make a specialty of Cow Peas, and will supply this season almost all the known varieties. The standard sorts are Black's, Clays, Black-Eyed and Whippoorwills, but for all purposes the Whippoorwill leads them all. Prices on application.

Canada Field Peas and Oats, For Fodder—This makes a fodder and hay which in every case doubles the production of milk. The Canada Field Pea is the best for this purpose. They should be sown early in April, two bushels of Peas and two bushels of Oats to the acre. The Peas should be sown first and when about four inches high, sow the Oats and harrow in. They will be ready for cutting about July 1st, when the Oats are in milk and the pods formed on the Peas. Price on application.

Soja Bean (Coffee Berry)—During recent years this variety has been largely sold under the name of German Coffee Berry. The berries, or beans, ripen in about four months from the time of planting, and produce a crop of twenty to thirty bushels to the acre. Its great value, however, is as a forage crop, for fertilizing the soil, and for pasturing and feeding the green fodder. The dry beans, roasted and ground, resemble and taste very much like coffee. Price on application.



Soja Bean.



Velvet Bean—This bean is creating a great sensation in the South and Middle North. It is certain to become one of the best of the green manure or fertilizing plants. It is a tremendous grower, very prolific, vines running from 12 to 18 feet long. It is the bean to try everywhere; it no doubt will make as much green herbage as any plant grown. It is new and we urge every farmer to give it a trial this season.

Lupins—One of the best plants known for reclaiming poor and particularly sandy and old worn out land. By plowing in the Lupins such land can be made very valuable. It is so highly valued in Germany that it is called the "Gold of the Desert," or Desert Reclaimer. When dried for fodder it is very good for sheep.

Merchants wanting our wholesale prices of Field Seeds, Onion-Sets, Potatoes, Bee Supplies, Berry Crates, etc., will upon request by postal card or otherwise, be placed on our regular mailing list, enabling them to make special orders intelligently and keep posted on market. If given a little attention, Field Seeds would be a valuable addition to your business.

Mammoth Russian Sunflower, the Giant of all Sunflowers—The best variety for the farmer. Growing to double the size of the common, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at a less expense than corn. It is highly recommended for poultry; the best egg-producing food known; the leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. The strong, thick stalks are used for fuel. Oz., 5c; qt., 15c; (qt., postpaid, 25c): peck, 60c; bu., \$2.00; sack, 2 bu., \$3.75; 5 bu. and over, \$1.75 per bushel.

25 CENTS WORTH OF SEEDS EXTRA

Will be allowed on each ONE DOLLAR sent for Seeds in PACKETS and OUNCES. Thus any one sending \$1.00 to us can select Seeds in PACKETS and OUNCES to the value of \$1.25; for \$2.00, Seeds in PACKETS and OUNCES to the value of \$2.50; for \$3.00 Seeds in PACKETS and OUNCES to the value of \$3.75, and so on.

EASY GARDEN CULTIVATOR.

It Does Its Own Talking.

The only Cultivator that all propelling force goes direct to wheel. By a simple sliding-slot, the handle is made to raise or lower for man or child.

Tools are all made of the best spring steel and can be used for different purposes. So cheap in price that every home should have one.



No. 2.

No. 1 has a 15-inch wheel, to axle of which are attached the arch and handle, with a flat spring extending from arch to the handle. Made to suit those who want a moderate price plow.

PRICE.

No. 1—With Diamond and Bull Tongue.....\$2.75
No. 1—With Turning Plow and Bull Tongue.....\$3.00

No. 2 consists of a 16-inch steel wheel with arches and handle attached to axle as shown in cut. A tempered steel spring extends from each arch to slot on handle, by means of which we make a perfect adjustable handle. Has a tool on each side of arch, and by turning over the handle can use one or the other.

PRICE.

No. 2—With Diamond and Bull Tongue.....\$3.50
No. 2—With Turning Plow and any two other attachments.....\$4.00
No. 2—With all attachments as shown in cut.....\$4.25

THE "RAPID-EASY" GARDEN WEEDER.

A New Hand Implement which, for speed and Easy Work at killing Weeds, Eclipses Everything.

The blade is eight inches long, two inches wide, and of fine shovel steel, zig-zag in shape, and double-edged, to cut either when pushed or pulled through the soil. Edges are beveled like those of mowing machine knives, upturned ends of the blades are two inches high, also two-edged, beveled on inside. The hardwood handle is five feet long.

It slips easily through the ground, either when pulled or pushed. It can be run close to a row of plants without cutting them. Works easier than a hoe and much faster. It is light, strong, durable and cheap. By express, 75 cents.

More Work Can be Done in One Hour With It than With a Hoe in Three.

HAMMOND'S SLUG SHOT.

Has been recognized for the past twenty-five years as the best insecticide on the market. Per lb., postpaid, 15c; 5 lbs., by express, not prepaid, 35c.

PREMIER SEED SOWER.

This Seeder just coming on the market is sure to be a winner. Combining lightness, durability and simplicity, easily adjusted to sow a given quantity of any seeds, from light Grasses to Cane and Millet. Price, securely packed, by Express, \$1.15.

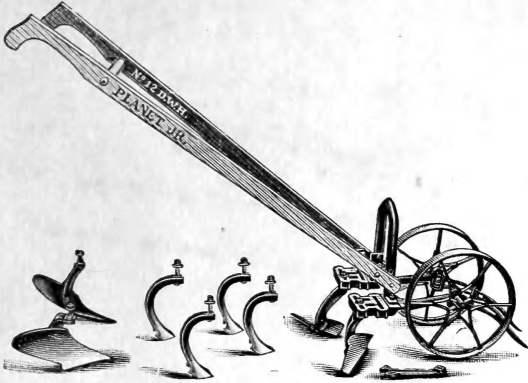
"PLANET JR." GARDEN TOOLS.

"Planet Jr." Garden Tools are becoming so well known that it is superfluous to speak of their merits. To those of our friends who are unfamiliar with the many advantages they offer for the farm and garden, we would request that you send for our Special Catalog, elegantly illustrating the many uses to which they may be put.

To those who are using "Planet Jr." goods, we wish to say we are carrying this season a line of extra attachments. In case of breakage or accident, order from us and avoid delay.

In ordering supplies, always give number of casting wanted.

Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow.

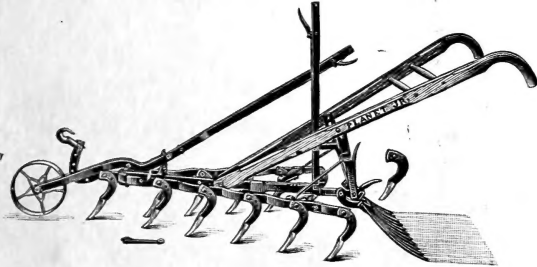


Two acres a day can easily be worked with this implement and when it is done it will be a better job than three men could have done in the same time with hand hoes. The No. 12 runs either astride or between the rows; kills all the weeds and leaves the earth in fine shape. Then, too, it's so easy to work. Twelve-year-old girls work gardens with them with ease and success.

The No. 12 has a pair of 6 inch hoes, a pair of plows for opening or covering, and a set of 4 all steel cultivator teeth. The tools shown are what gardeners use most and others can be added as wanted.

Price \$7.00

Planet Jr. Twelve-Tooth Harrow Cultivator and Pulverizer.



Gardeners cultivate better than formerly. It has been found to pay best. The farmer or gardener is most likely to cultivate best who has the tool best adapted to his purposes. With the Twelve-Tooth Harrow here shown, you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.

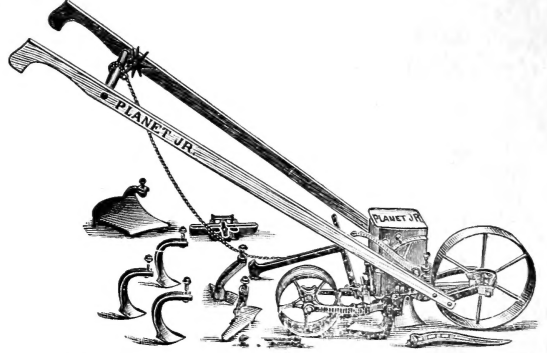
Price \$8.50.

Less Pulverizer. \$6.90,

Less Wheel and Pulverizer, \$5.80.

A strawberry runner attachment consisting of a ten-inch flat steel disc mounted on an outrigger. Extra, **Price, \$1.75.**

Planet Jr. No. 4 Combined Seed Drill, Single Wheel Hoe, Cultivator and Plow.

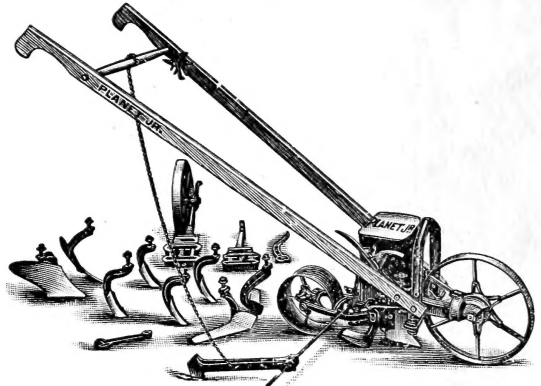


This is the most popular combined tool made. It combines in a single implement, a first-class hill-dropping seeder, a Single Wheel Hoe or Weeder, a Cultivator and a Plow. The hopper holds two quarts of seed, which can be sown in continuous rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart.

The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe. It is useful almost every day of the season, at every stage of the garden work. With this one implement the small farmer can do practically all the work in his small crops.

Price \$10.50.

Planet Jr. No. 25 Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow.



This new combined machine is intended for gardeners who have a large enough acreage in crops, for a Double Wheel Hoe to be used to good advantage, and prefer not to buy separate machines.

As a drill it is almost identical with the Planet Jr. No. 4 Drill, and is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills.

As a Wheel Hoe it is identical with the Planet Jr. No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a minute, and the whole combination is one we can heartily recommend and guarantee satisfactory.

Price \$13.50.

NO. 5 PLANET JR. HILL AND DRILL SEEDER. PRICE \$13.00.

16½ inch steel wheel. Capacity five quarts. Weight packed 48 lbs.

Special size for market gardeners and farmers, for sugar beet and onion set growers, etc. It is the GREAT HAND POWER PLANTER for both hills and drills, where the amount of sowing to be done is large. It runs light, and plants equally well with a full hopper or with a paper of seed.

Quantity of Seed Required to Produce a Given Number of Plants and Sow an Acre.

	Quantity per Acre
Artichoke, 1 oz. to 500 plants	6 oz
Asparagus, 1 oz. to 800 plants	1 lb
Asparagus Roots	1000 to 7250
Beans, dwarf, 1 pint to 100 feet of drill	1 bu
Beans, pole, 1 pint to 100 hills	1 bu
Beet, garden, 1 oz. to 100 feet of drill	7 lbs
Beet, Mangel, 1 oz. to 100 feet of drill	5 lbs
Brocoli, 1 oz. to 5,000 plants	2 oz
Brussels Sprouts, 1 oz. to 5,000 plants	2 oz
Cabbage, 1 oz. to 5,000	2 oz
Carrot, $\frac{1}{4}$ oz. to 100 feet of drill	$2\frac{1}{2}$ lbs
Cauliflower, 1 oz. to 5,000 plants	$2\frac{1}{2}$ oz
Celery, 1 oz. to 15,000 plants	2 oz
Chicory	4 lbs
Collards, 1 oz. to 5,000 plants	2 oz
Corn, Rice (shelled)	2 qts
Corn, Sweet, $\frac{1}{4}$ pint to 100 hills	6 qts
Cress, $\frac{3}{4}$ oz. to 100 feet of drill	12 lbs
Cucumber, 1 oz. to 100 hills	1 to 3 lbs
Egg Plant, 1 oz. to 2,000	4 oz
Endive, $\frac{3}{4}$ oz. to 100 feet of drill	$4\frac{1}{2}$ lbs
Garlic, bulbs, 1 lb. to 10 feet of drill	
Gourd, 2 oz. to 100 hills	
Hemp	$\frac{3}{4}$ bu
Horse Radish Roots	10,000 to 15,000
Kale, 1 oz. to 5,000 plants	2 lbs
Kohl Rabi, $\frac{1}{4}$ oz. to 100 ft of drill	4 lbs
Leek, $\frac{1}{4}$ oz. to 100 feet of drill	4 lbs
Lettuce, $\frac{1}{4}$ oz. to 100 feet of drill	3 lbs
Martynia, 1 oz. to 100 feet of drill	5 lbs
Melon, Musk, 1 oz. to 100 hills	1 to 3 lbs
Melon, Water, 4 oz. to 100 hills	$1\frac{1}{2}$ to 4 lbs
Nasturtiums, 2 oz. to 100 feet of drill	15 lbs
Okra, 1 oz. to 100 feet of drill	8 lbs
Onion Seed $\frac{1}{4}$ oz. to 100 feet of drill	4 to 5 lbs
Onion seed for Sets	40 to 80 lbs
Onion Sets, 1 qt to 40 feet of drill	8 bu
Parsnips, $\frac{1}{4}$ oz. to 100 feet of drill	3 lbs
Parsley $\frac{1}{4}$ oz. to 100 feet of drill	3 lbs
Peas, garden, 1 pint to 100 feet of drill	1 to 3 bu
Pepper, 1 oz. to 1500 plants	3 oz
Pumpkin, $\frac{1}{4}$ qt to 100 hills	3 to 4 lbs
Radish, $\frac{3}{4}$ oz. to 100 feet of drill	10 to 12 lbs
Salsify, $\frac{3}{4}$ oz to 100 feet of drill	8 lbs
Spinage, $\frac{1}{4}$ oz. to 100 feet of drill	8 lbs
Spurry	15 lbs
Summer Savory	$\frac{3}{4}$ lbs
Sunflower	8 lbs
Squash, Summer, 4 oz. to 100 hills	2 lbs
Squash, Winter, 8 oz. to 100 hills	2 lbs
Tomato, 1 oz. to 4,500 plants	1 oz
Tobacco 1 oz. to 5,000 plants	2 oz
Turnip, 1 oz. to 250 feet of drill	1 to 2 lbs

Springfield Seed Co.,
SPRINGFIELD, MO.